portfolio

abdullah umar siddiqui
select works | 2020-2025

"We shape our buildings, and thereafter, they shape us." ~Winston Churchill

Abdullah Umar Siddiqui

Hi! I'm Abdullah, a recently graduated architect.

My passion lies in sustainable architecture and structural optimisation, with interest in solutions that are creative, practical, and above all, sustainable. I believe the effective design is one that responds intelligently to both context and community. This philosophy underpins my approach to every project.

I pride myself on being ambitious, hardworking, and a dependable team player who is not only approachable but also takes responsibility and accountability in every role I take on.

+91 98211 70379
siddiquiabdullahumar@gmail.com
South Delhi
https://www.linkedin.com/in/abdullah-umar-siddiqui/

FORMAL EDUCATION

2020-2025 — **VASTU KALA ACADEMY, GGSIPU, NEW DELHI**
Bachelor of Architecture (B.Arch.)
Aggregate CGPA: 8.3

2018-2020 — **SUMMER FIELDS SCHOOL, NEW DELHI**
All India Senior Secondary School Certificate
Aggregate Marks: 87%

WORK EXPERIENCE

2024 *July-Dec* — **STUDIO ARCHOHM** | NOIDA, INDIA
ARCHITECTURAL INTERN | FULL TIME
Research & Presentation
Design Development
Working Drawings
3D Visualisation
Client Meetings
Site Visits

2024 *Feb-Apr* — **SPACE ERA GERMANY** | WUPPERTAL, GERMANY
ARCHITECTURAL INTERN | REMOTE
Research & Presentation
3D Visualisation
Strategic Communication
Business Development
Social Media

2023-2024 *Sept-Feb* — **SOLID DIAGONALS (SD) LABZ** | NEW DELHI, INDIA
ARCHITECTURAL INTERN | FULL TIME
Concept Development
Research & Presentation
3D Visualisation & Walkthroughs
Working Drawings
Site Visits
Business Development

2022- *Ongoing* — **FREELANCE 3D VISUALISER**

DESIGN EXPOSURE

FIRST YEAR	Residential House
SECOND YEAR	Primary School
	Soci-Cultural Centre
THIRD YEAR	Institutional Building (Govt. Complex)
	100 Bedded District Hospital (DH)
FOURTH YEAR	Group Housing
	Urban Design
INTERNSHIPS	Farmhouse resort
	Convention Centre
	Residential Township
	Riverfront Development
	Student Housing
	Mixed Use Development
	Net Zero Housing
THESIS	Tourists' Village at International Border, J&K

SOFTWARE SKILLS

8 YEARS	Microsoft Office Suite
5 YEARS	Autodesk AutoCAD
	SketchUp Pro
4 YEARS	Lumion
	Adobe Photoshop
3 YEARS	Enscape
	D5 Render
2 YEARS	Adobe Premiere Pro
	DepthMapX/Isovists+
1 YEAR	Autodesk Revit
	Adobe InDesign
	Adobe Illustrator
	Rhino 3D

SOFT SKILLS

Problem Solving
Critical Thinking
Attention to Detail
Team Work
Respect & Loyalty

LANGUAGES

Urdu (Native)
English (Fluent)
Hindi (Fluent)
Arabic (Intermediate)
German (Beginner)

Contents

1. (01-14) Internship Projects

2. (15-28) Tourists' Village at the International Border (Thesis)

3. (29-35) Urban Design

4. (36-42) 100 Bedded DH

5. (43-53) Working Drawings

6. (54-58) 3D Renders

7. (59-63) Miscellaneous

1 Internships

Secretariat | Convention Centre, Tura, Meghalaya

"A Secretariat is more than an office. It's where policy meets the people, and architecture fosters transparency" ~Paul Golderberg

a. Integrated Administrative Complex at Tura

'Integrated Administrative Complex' is a master-planning and architectural design proposal for a 9.8-hectare administrative campus at Tura, Meghalaya that brings together government office buildings, staff housing, a central library, and a cafeteria within a unified, context-sensitive framework. Located in the hilly terrain of Tura, the design responds to the unique topography, climate, and vernacular of Meghalaya through a low-impact, modular planning approach. The project prioritizes functional zoning, circulation efficiency, and ecological sensitivity, incorporating passive design strategies, shaded walkways, and integrated green spaces.

The aim is to create a cohesive and efficient administrative environment that fosters transparency, accessibility, and well-being for both government personnel and the public.

Location: Tura, Meghalaya

Site Area: 9.8 Hectares (98,000 Sqm.)

Total Built Up Area: 19,650 Sqm.

Current Stage: Civil Works Execution

Work Done: Master Planning, Tender Drawings, 3D Visualisation, Detailed Project Report (DPR)

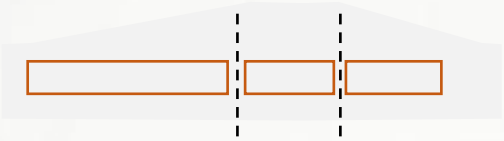
Design Intent

Symbolizing secretariat block as a **temple of administration**

enhancing public experience

every elevated column expressing the strength of people and adminstration

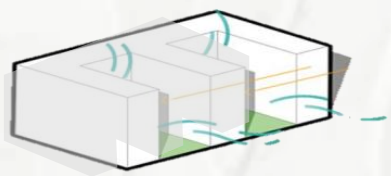
for the **people**, **of** the **people**, **by** the **people**



restricted/ unrestricted public zones

respecting the site context and topography and placing the block (temple) at top of ridge

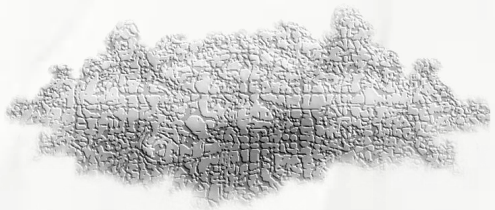
respecting topography and context



breaking the **monotony** and adding green to the building

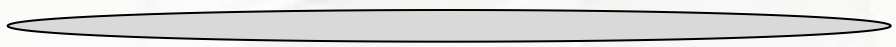
Concept

context



Floating cloud being the synonym of Meghalaya

protection

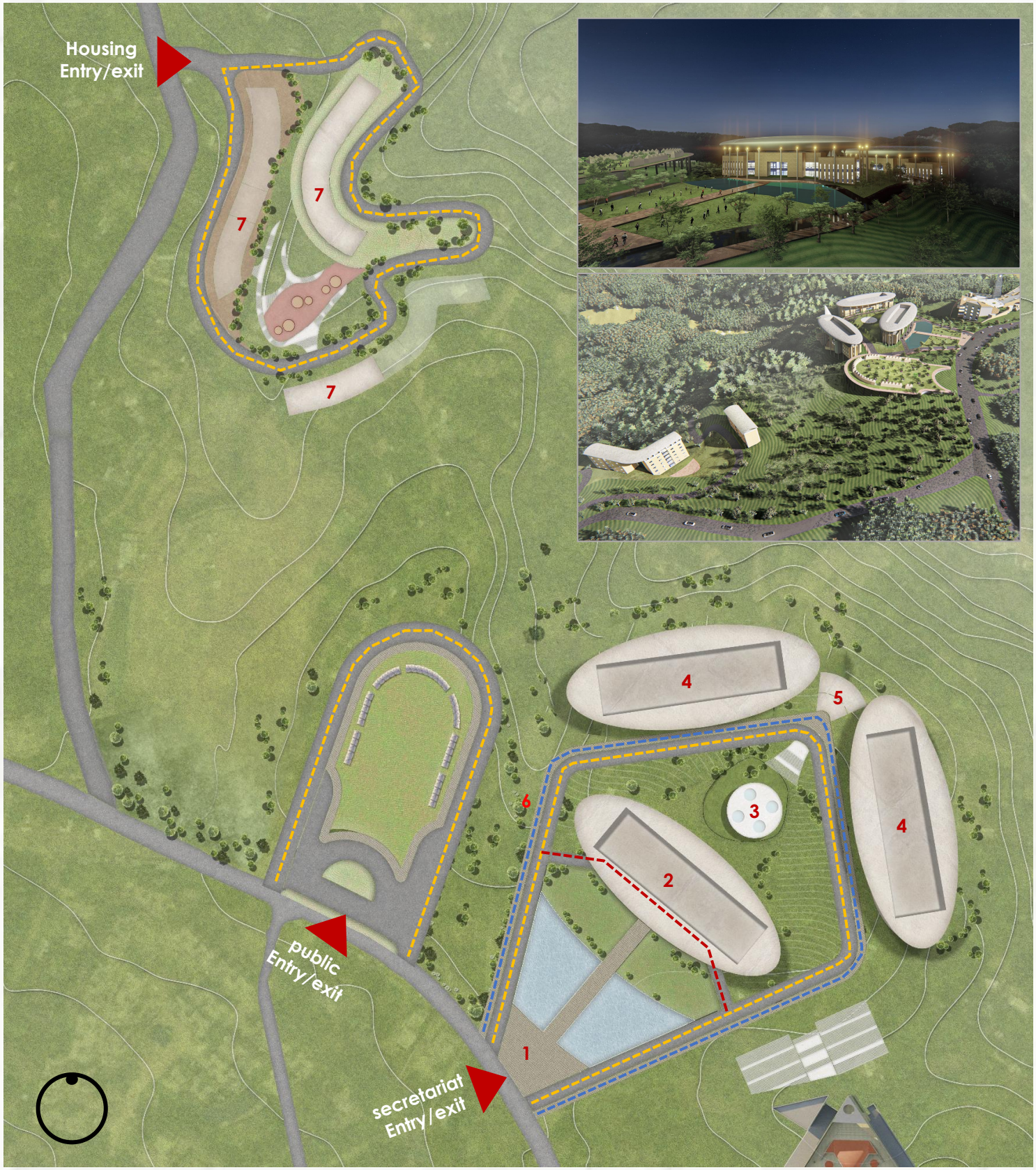


Roof symbolizing safety and protection for the commons. Forming an overarching form

governance

A colonnade of 24 columns depicting number of assembly segments of Tura

Site Plan



Legend

1. entrance plaza
2. central block
3. cafeteria
4. office block
5. library
6. parking
7. housing

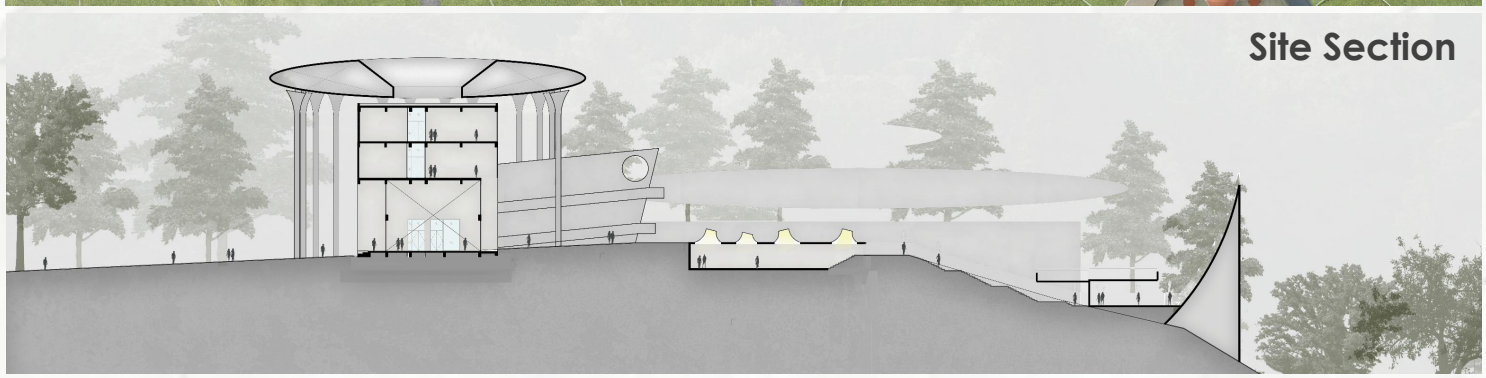
vehicular movement

pedestrian movement

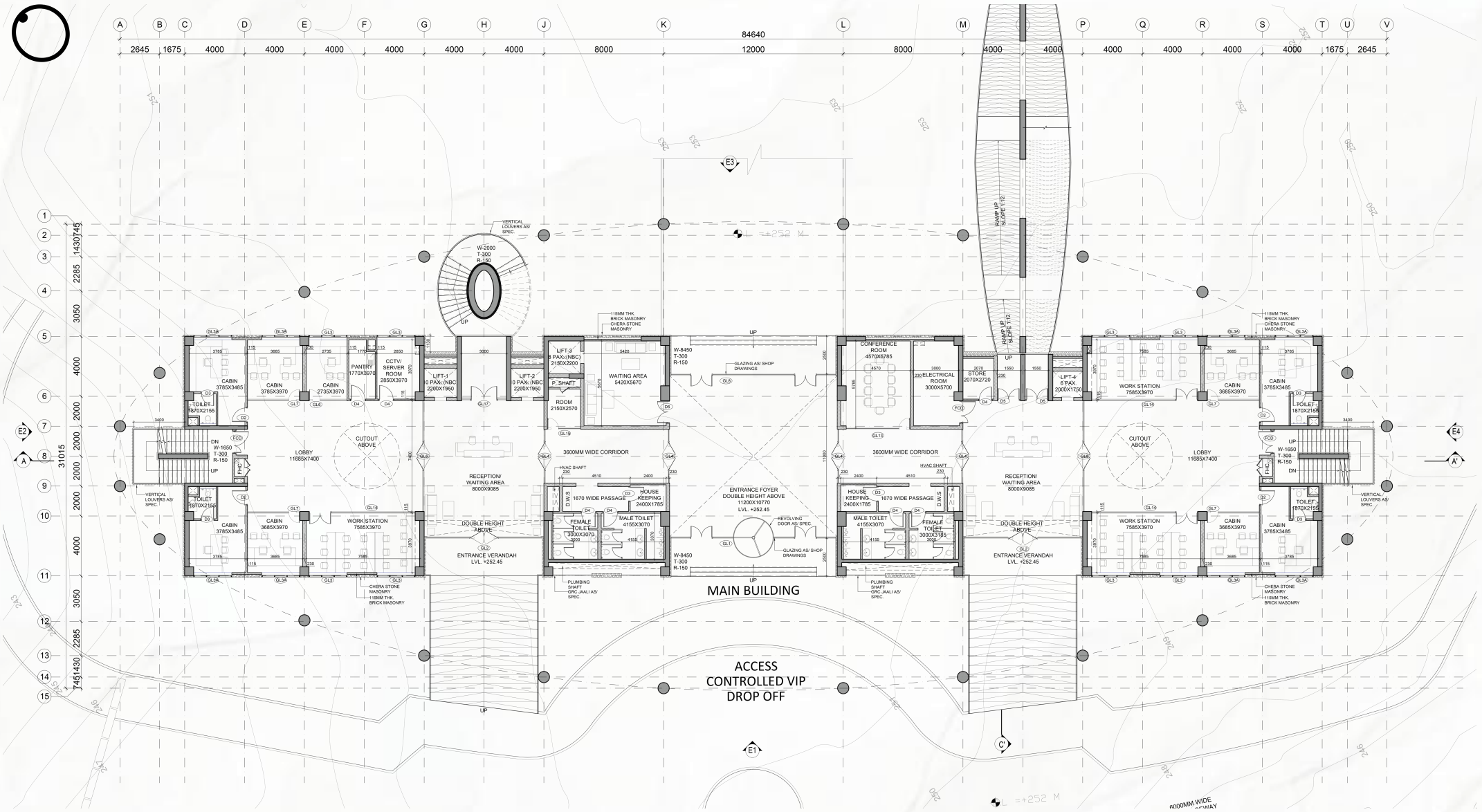
vip movement

S. NO.	BUILDING	BUILT UP (SQM)
1	**MAIN BLOCK**	
1.1	Stilt Floor	295.58
1.2	Ground Floor	1366.63
1.3	First Floor	1194.63
1.4	Second Floor	1247.09
1.5	Third Floor	1233.85
1.6	Lower Terrace Floor	1136.65
1.7	Upper Terrace Floor	2226.9
2	**OFFICE BLOCK**	
2.1	Stilt Floor	147.79
2.2	Ground Floor	1201.86
2.3	First Floor -1	1178.43
2.4	Second Floor -2	1203.03
2.5	Third Floor -3	1233.43
2.6	Lower Terrace Floor	1201.86
2.7	Upper Terrace Floor	2171.86
3	**HOUSING**	
3.1	Ground Floor	406.98
3.2	First Floor	348.12
3.3	Second Floor	343.82
3.4	Third Floor	339.52
3.5	Terrace	339.52
4	**LIBRARY BLOCK**	
4.1	Ground Floor	90
4.2	First Floor	246
5	**CAFÉ**	
5.1	Ground Floor	320
6	**SUB STATION**	
6.1	Ground Floor	167.53
	TOTAL BUILT UP AREA	**19641.08**

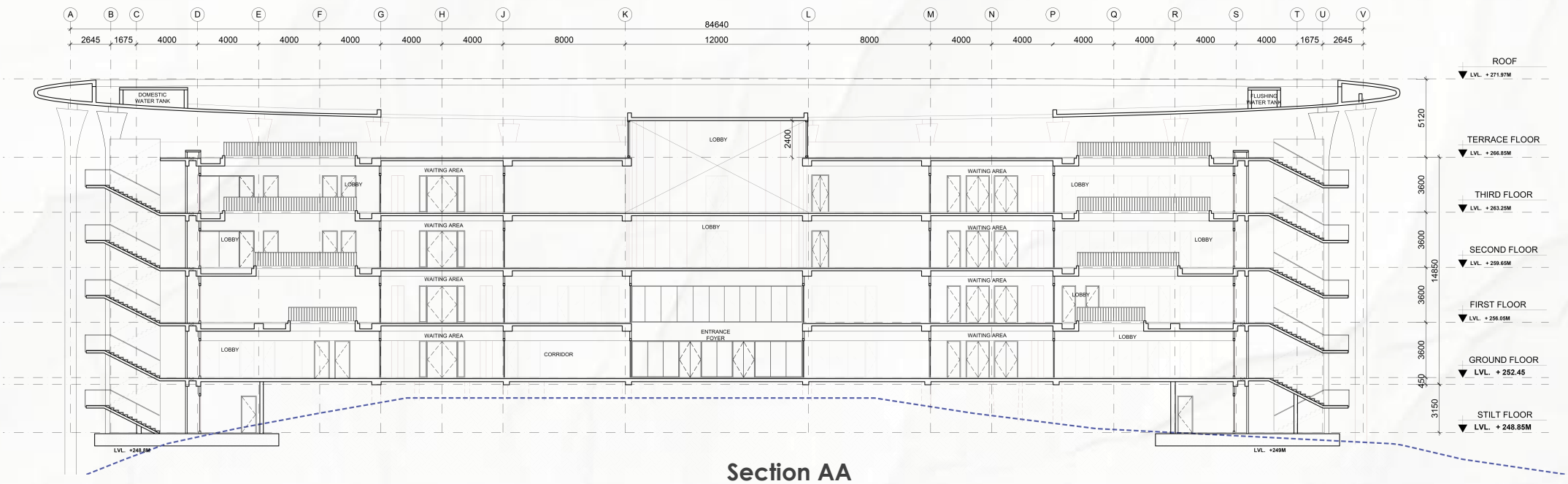
Site Section



Main Block

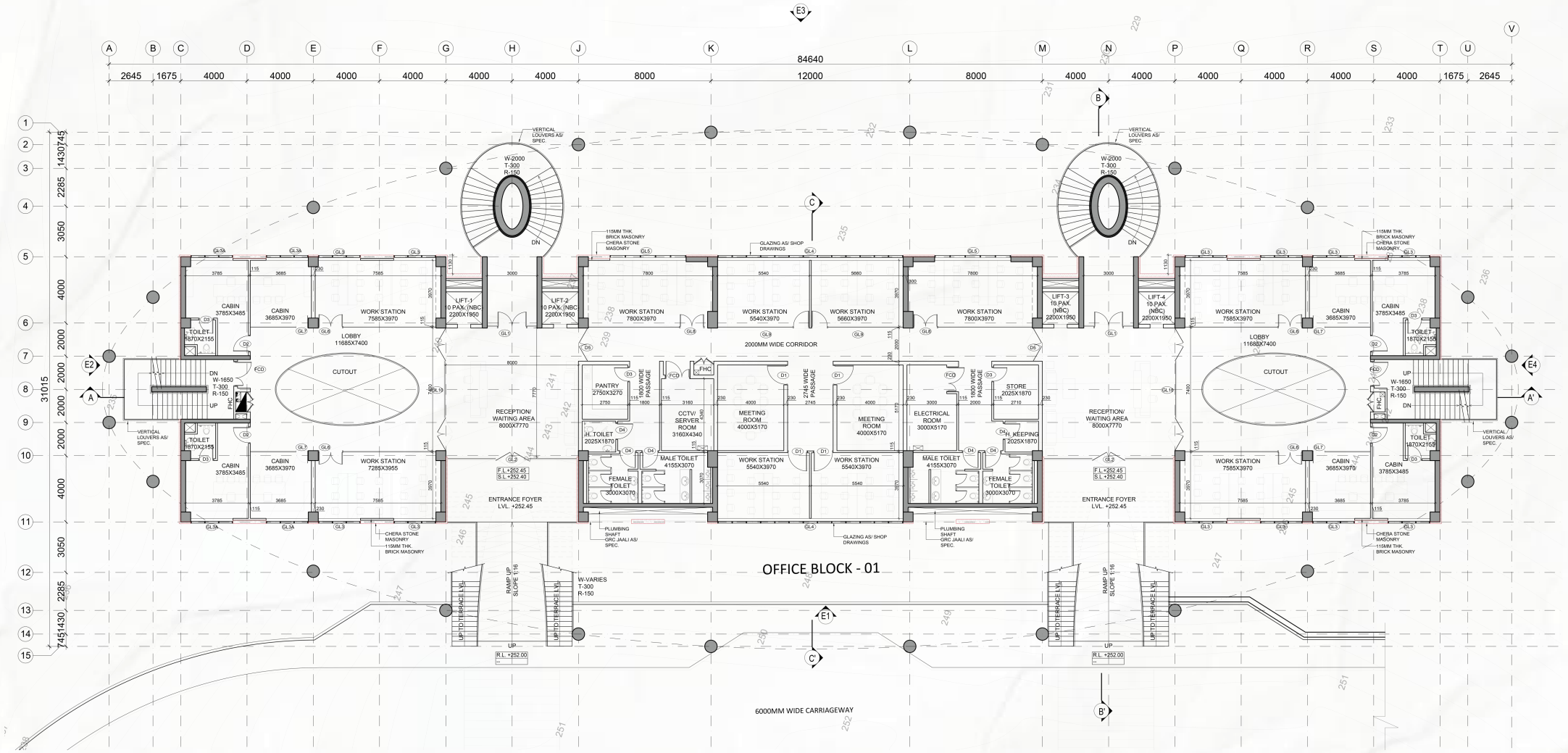


Ground Floor Plan

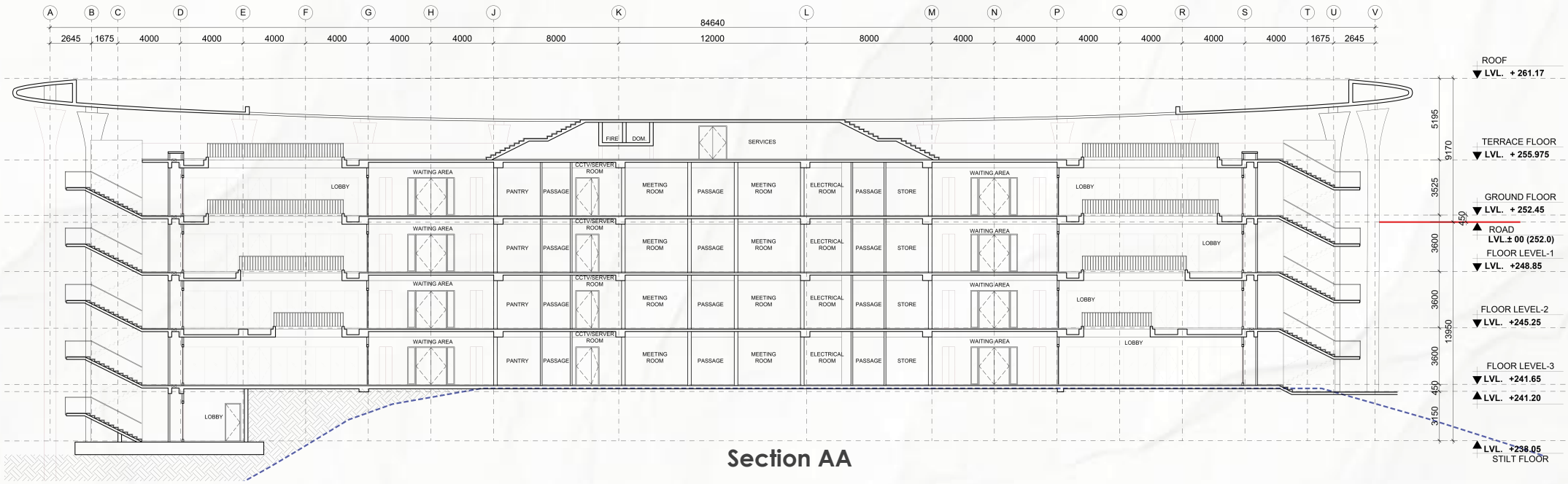


Section AA

Office Block



Ground Floor Plan



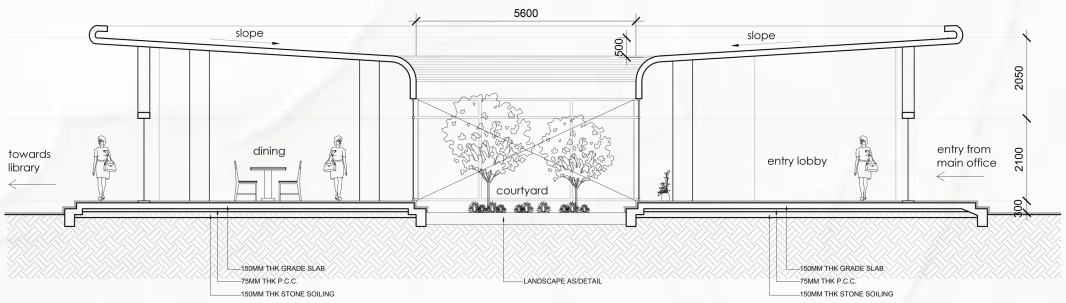
Section AA

Cafe

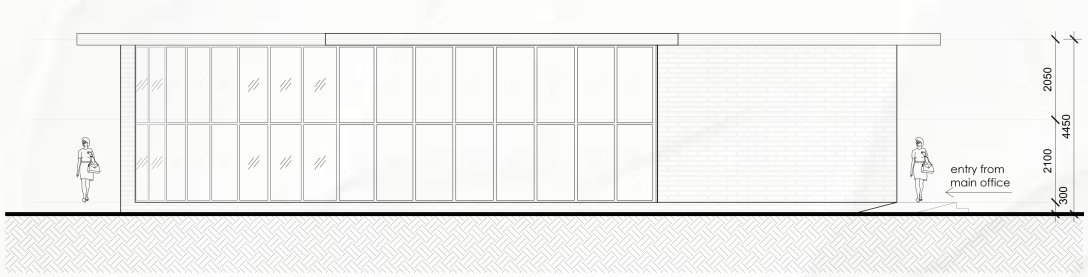
5	CAFÉ	AREA (SQM)
5.1	Ground Floor	320

Ground Floor Plan

Roof Plan



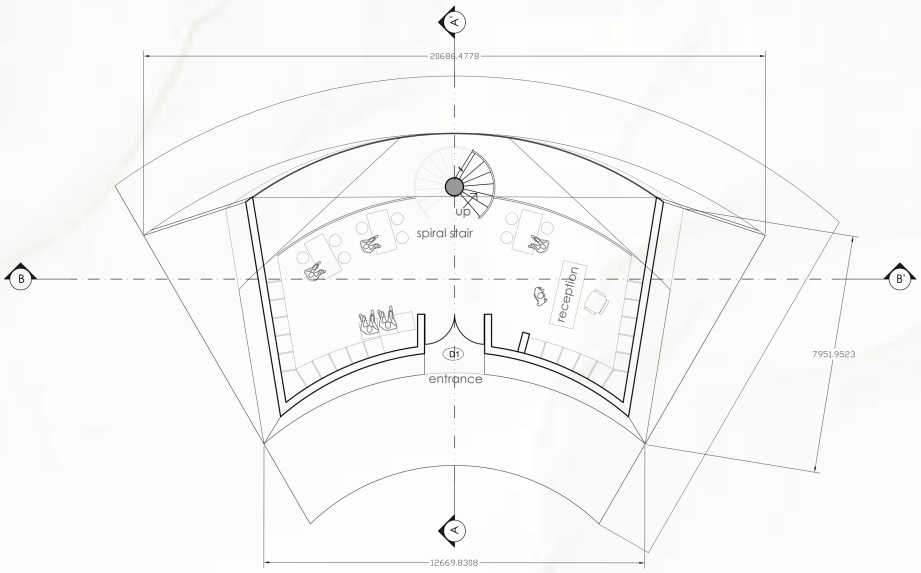
Section AA



Elevation

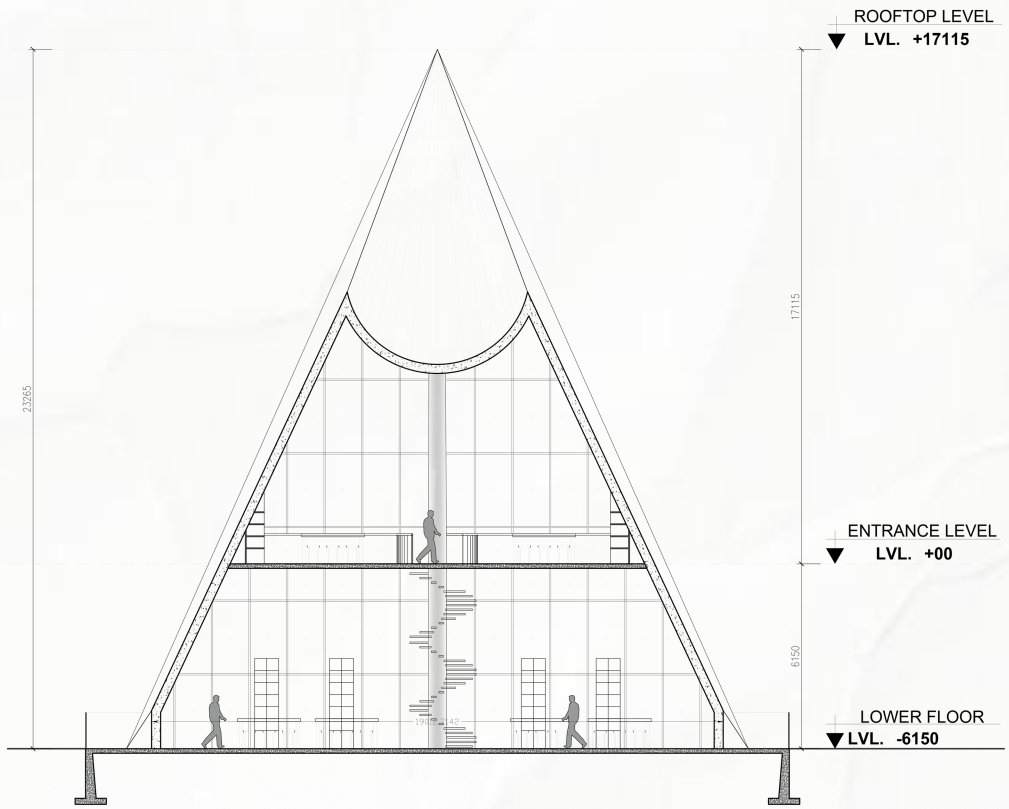
Library

4	LIBRARY BLOCK	AREA (SQM)
4.1	Ground Floor	90
4.2	First Floor	246

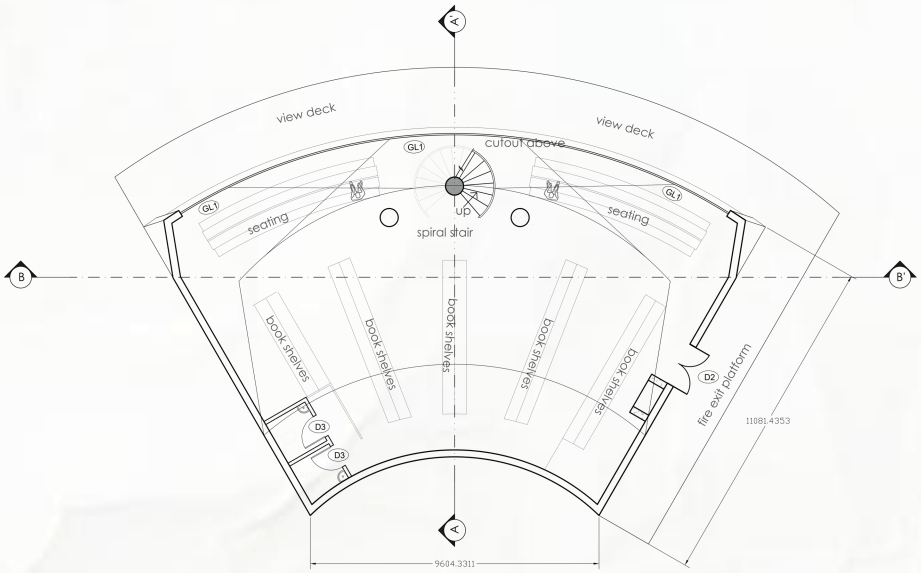


ENTRY LVL FLOOR PLAN

cut at 1500mm height

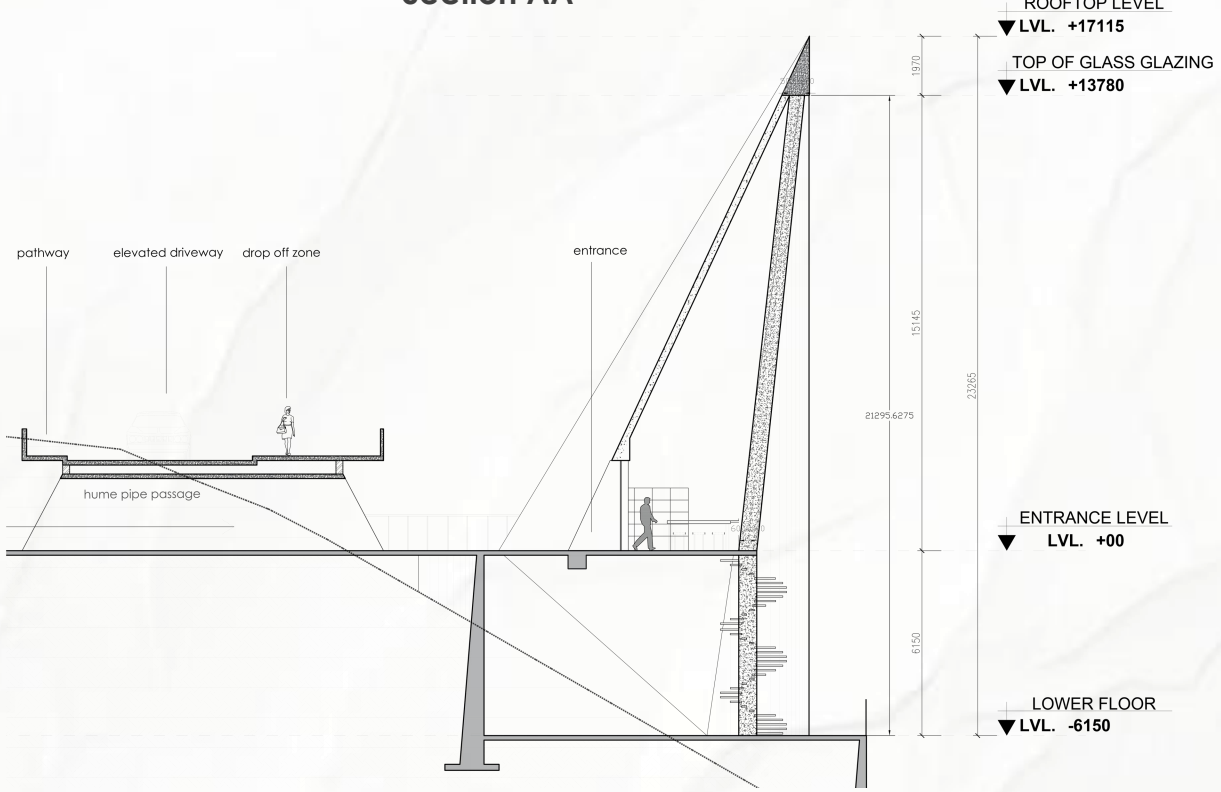


Section AA



LOWER FLOOR PLAN

cut at 1500mm height



Section BB

"Architecture is not just about space and form, but also about events, actions, and what happens in that space." ~Bernard Tschumi

b. State Convention centre at Tura

'State Convention Centre' is a cultural hub designed on a compact 1.1-hectare site at Tura, Meghalaya, integrating a convention centre, food court, and a landmark clock tower within the hilly landscape of Garo Hills. The project aims to serve as a regional platform for dialogue, celebration, and community engagement, reflecting the cultural identity of Meghalaya through contextual architecture. The convention centre is envisioned as a flexible space for state events, exhibitions, and public gatherings, while the food court promotes local cuisine and social interaction. The iconic clock tower anchors the site as a symbolic and visual marker.

As a venue for government events, community gatherings, and tourism, the centre aims to foster civic pride, regional identity, and inclusive public engagement.

Location: Tura, Meghalaya

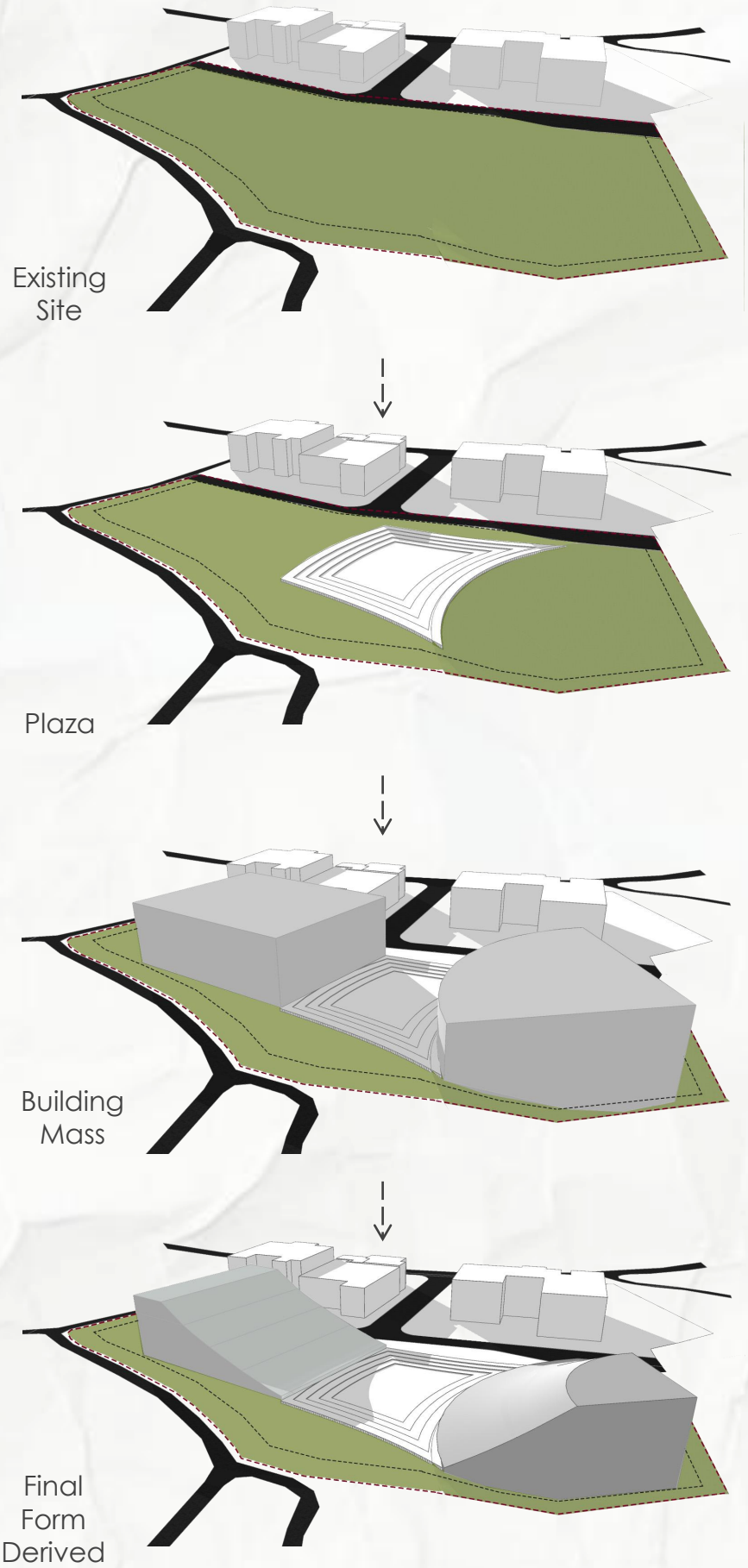
Site Area: 1.1 Hectares (11,000 Sqm.)

Total Built Up Area: 9,270 Sqm.

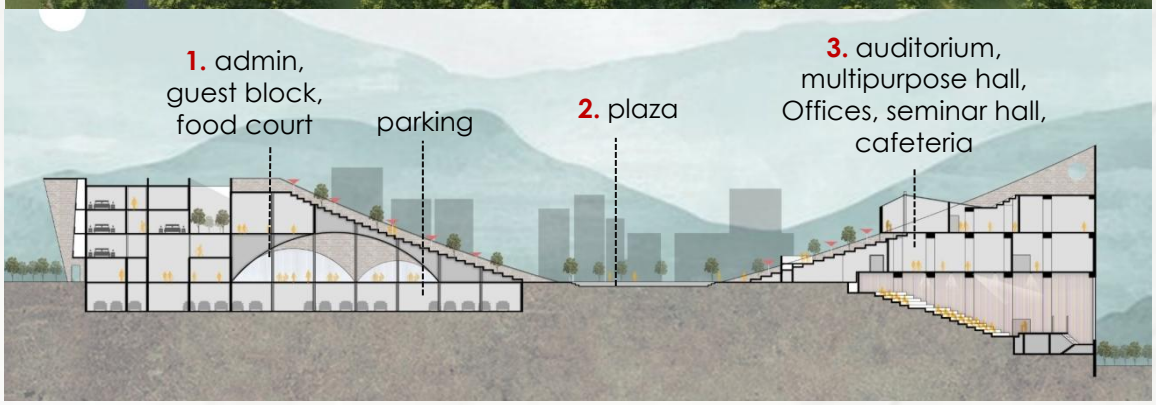
Current Stage: Tendering

Work Done: Design Development**.** 3D Visualisation, Detailed Project Report (DPR), Documentation & Presentation

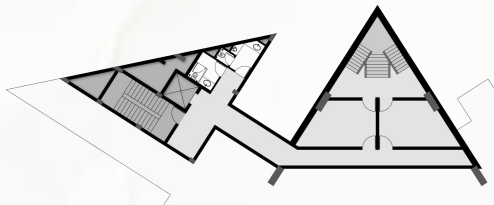
Form Development



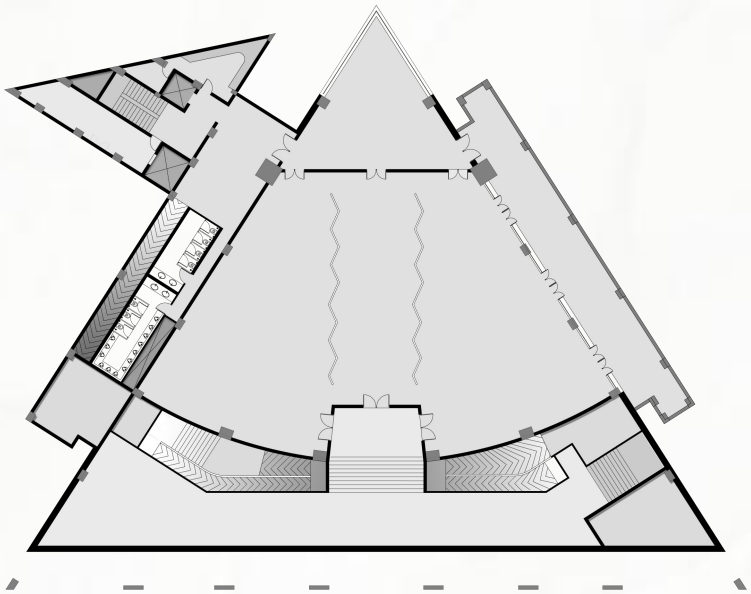
Site Plan



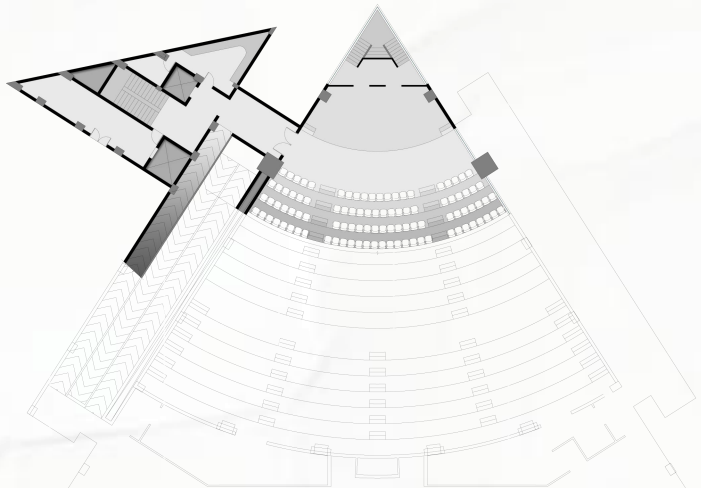
Convention Block



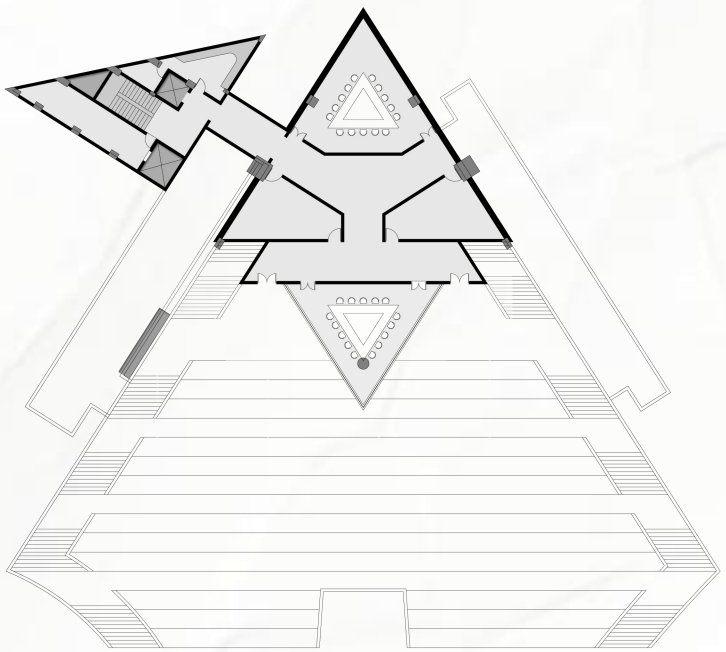
Basement Floor Plan
Service Area



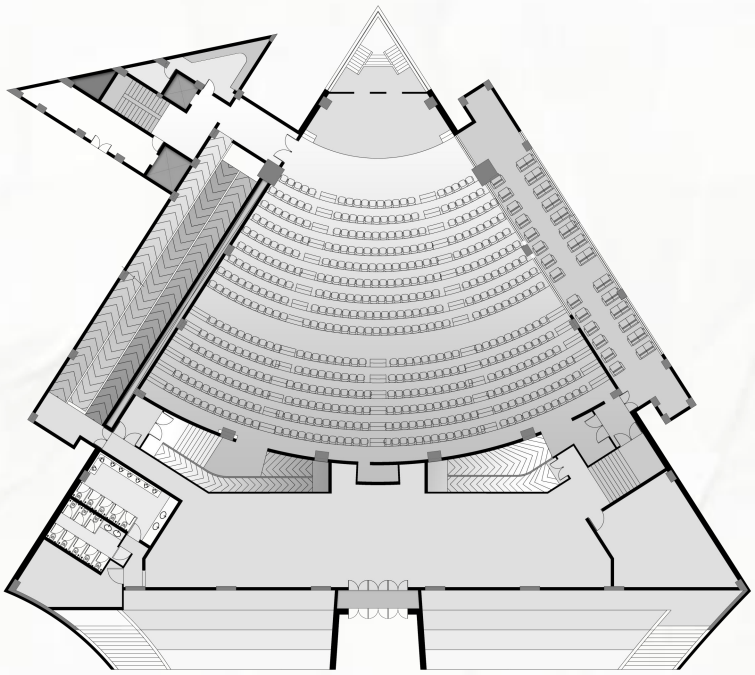
First Floor Plan
Multipupose Hall
Capacity: 400 persons



Lower Ground Floor Plan
Auditorium
Capacity: 98 persons



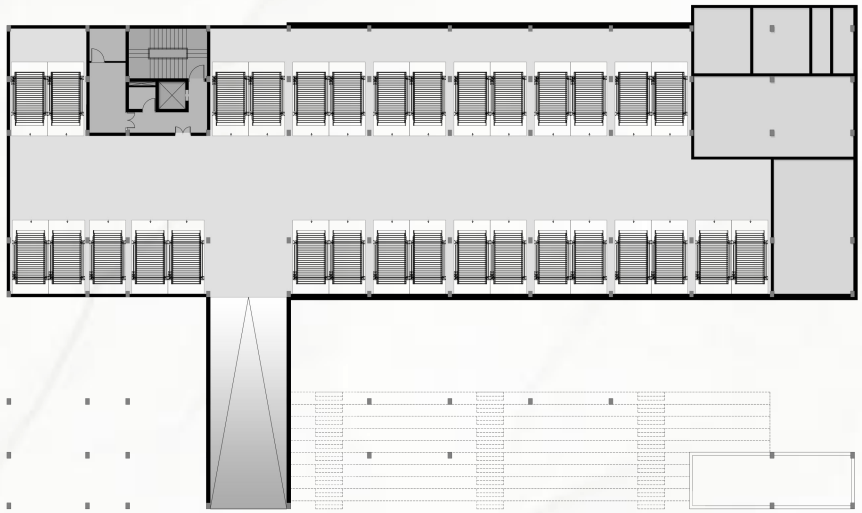
Second Floor Plan
Seminar Hall
Capacity: 200 persons



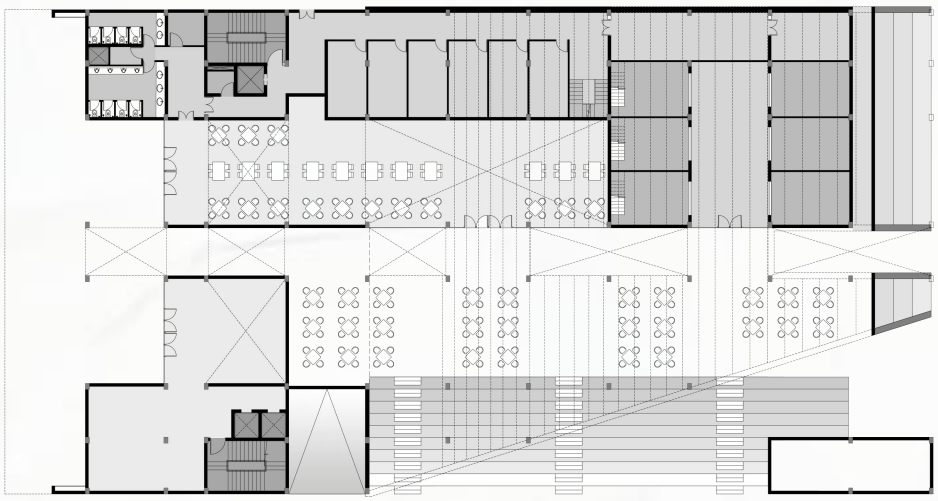
Ground Floor Plan
Auditorium
Capacity: 500 persons

Convention Block	Area (SQM)
Auditorium level	1,764.00
Multipurpose level	958.00
Seminar rooms and office level	1,056.00

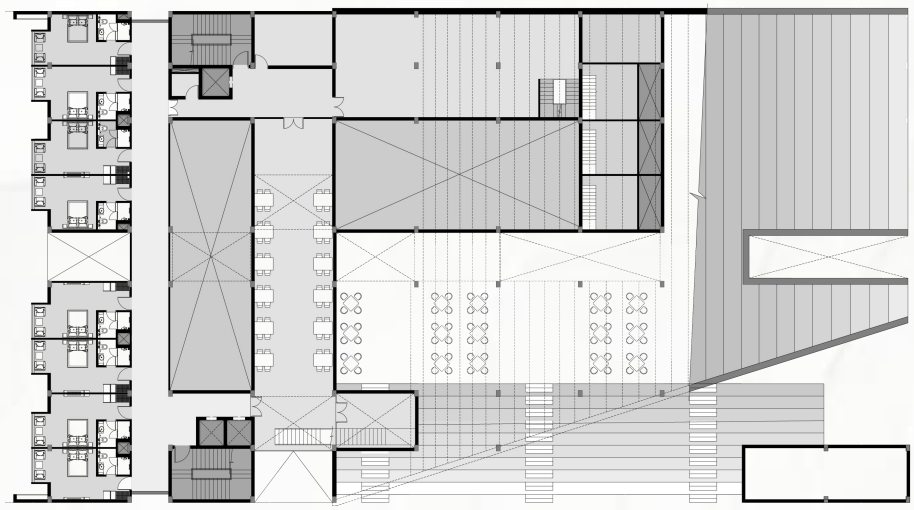
Food Court Building



Basement Floor Plan
Parking



Ground Floor Plan
Food Court
Capacity: 300 persons



First Floor Plan
Guest Rooms
Capacity: 8 rooms

Third Floor Plan
Guest Rooms
Capacity: 12 rooms

Food Court Building	
Ground floor - Food Court	1,109.00
First floor - Guest rooms	665.00
Second floor - Guest rooms	456.00
Third floor - Guest Rooms	309.00

TURA
CONVENTION

TURA
CONVENTION

2 Arch. Thesis

Tourists' Village at the International Border, Teetwal, J&K

"At the edge of the nation, architecture became a quiet bridge, a village where identity and hope met across the river." ~Author

Tourists' Village at the International Border

'Tourists' Village at the International Border, Teetwal, Jammu & Kashmir'is an architectural proposal aimed at promoting border tourism at the edge of the nation. Located in the remote village of Teetwal along the Line of Control, this project responds to the region's unique geopolitical, cultural, and ecological context. It seeks to activate borderland potential through a carefully planned tourist village that includes hospitality infrastructure, cultural spaces, local craft markets, and landscape-sensitive public zones. Rooted in the idea of peace-building through tourism, the design integrates vernacular construction methods with adaptive planning to support local livelihoods, enhance accessibility, and create a safe yet inviting environment for visitors.

This project, never attempted before, attempts to serve as a model for soft border development where tourism becomes a tool for dialogue, economy, and coexistence.

Location: Teetwal, Jammu & Kashmir

Site Area: 16 Hectares (1,60,000 Sqm.)

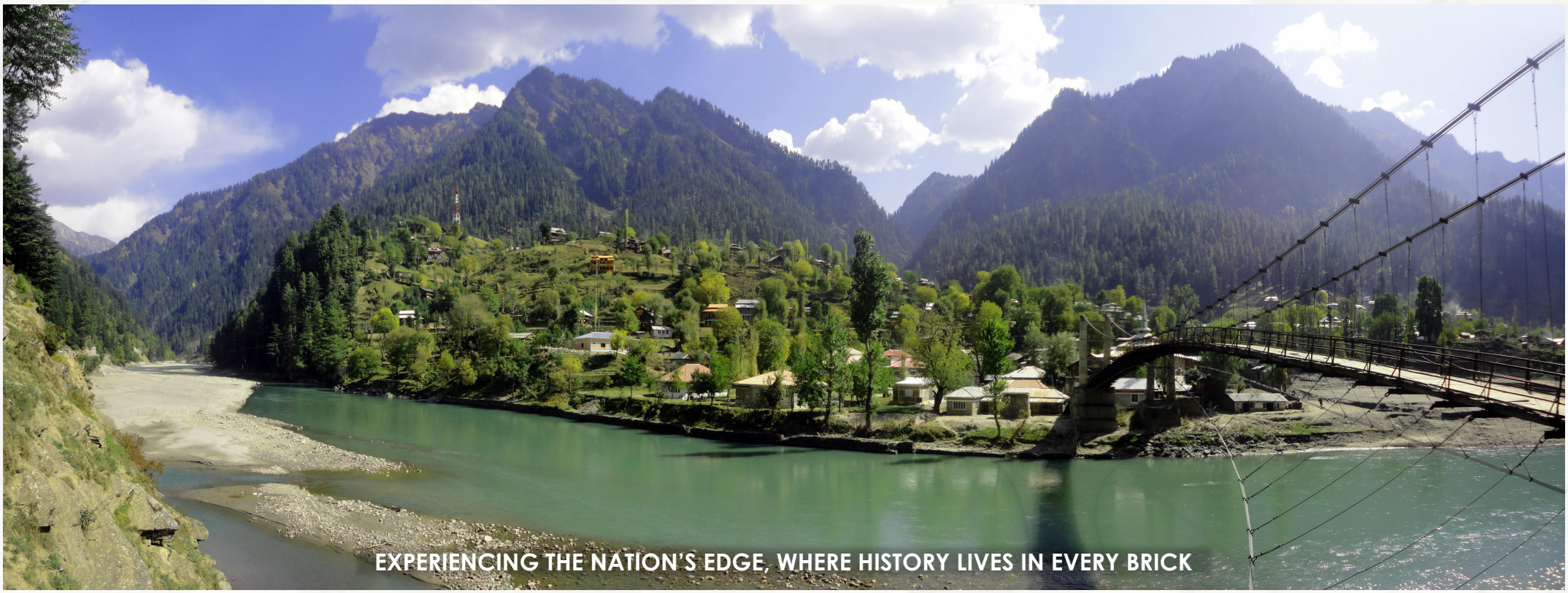
Total Built Up Area: 25,350 Sqm.

Semester: 10th

Introduction

Borders are more than just lines on a map; they are powerful symbols of identity, memory, and belonging. In India, where geographical diversity is deeply interwoven with historical and political narratives, the borders evoke a mix of pride and profound curiosity. Among the most emotionally charged and geopolitically significant of these is the **Line of Control (LoC)** in Jammu & Kashmir, a region marked by decades of conflict, resilience, and despite all that, hope.

This thesis aims to propose a border tourism infrastructure at Teetwal in Jammu & Kashmir that fosters **patriotic engagement, cultural exchange, and sustainable development**, while sensitively responding to the geopolitical, social, and ecological context of the region. This project aspires to reconnect people by fostering honoring local stories, and empowering border communities through sustainable, respectful architecture



EXPERIENCING THE NATION'S EDGE, WHERE HISTORY LIVES IN EVERY BRICK

Key Project Drivers

ICONIC DEVELOPMENT

VISITOR EXPERIENCE

SUSTAINABILITY

CULTURAL HERITAGE

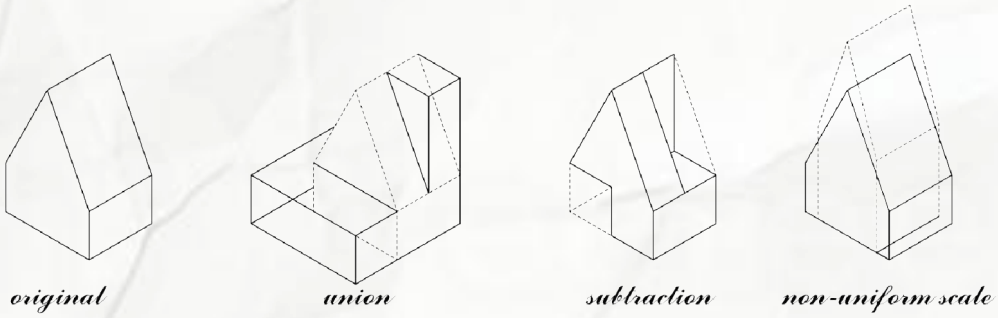
INFRASTRUCTURE DEVELOPMENT

PRESERVING NATURAL BEAUTY

Long term primary objectives of this proposal include Promoting Border Awareness Through Spatial Experience, Strengthening National unity and Emotional Connectivity, Empowering and Involve the Local Community, Ensuring Security Integration Without Militarisation of Design, Facilitating Cross-Cultural Dialogue and Peacebuilding

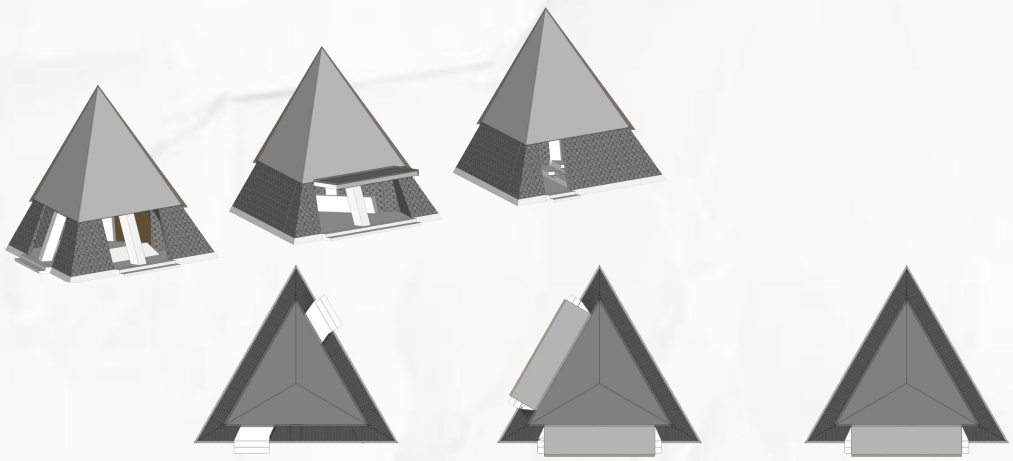
Concept

Three Sides, Three Stories - Past, Present, & Future



Why Triangular Buildings?

- Structural Efficiency - Seismic resilience
- Cluster Friendly: Supports multipurpose use
- Minimal Footprint - Sustainable:
- Mimics Natural, mountainous profiles - Context relevant
- Sharp Angles & Edges - Wind & snow resistance



Why a 'Village'?

Multiple triangular modules of different sizes - Reflect the organic, decentralized pattern of traditional village settlements

Encourages open interaction - Not closing people inside four walls

The modules cluster, separate, and regroup - A network of shared spaces, pathways, and courtyards

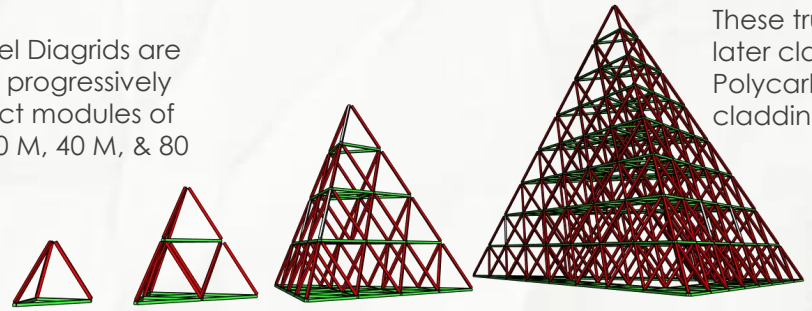
Non Invasive architecture - Small modules, carefully placed around natural features respect the existing landscape rather than imposing.

Phased development - New modules can be added or relocated over time depending on changing needs

Technology

Steel Bones & Translucent Skin - Seismic resilience, future ready

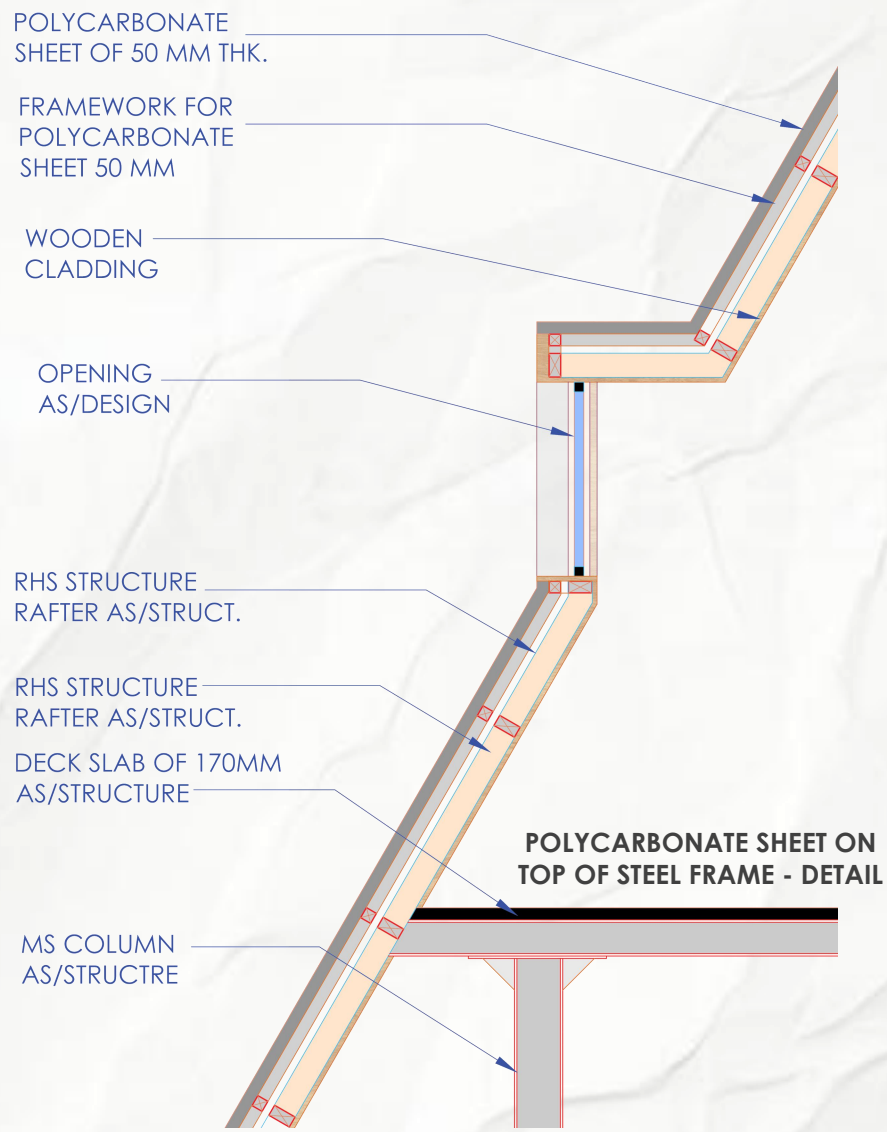
5 M Steel Diagrids are used to progressively construct modules of 10 M, 20 M, 40 M, & 80 M sides



These trusses are later clad with Polycarbonate cladding

Why Steel?

- The steel skeletal system absorbs seismic shocks without catastrophic failure.
- Steel allows for minimal footprint interventions, and a relatively lightweight structure.


POLYCARBONATE SHEET OF 50 MM THK.
FRAMEWORK FOR POLYCARBONATE SHEET 50 MM
WOODEN CLADDING
OPENING AS/DESIGN
RHS STRUCTURE RAFTER AS/STRUCT.
RHS STRUCTURE RAFTER AS/STRUCT.
DECK SLAB OF 170MM AS/STRUCTURE
MS COLUMN AS/STRUCTRE

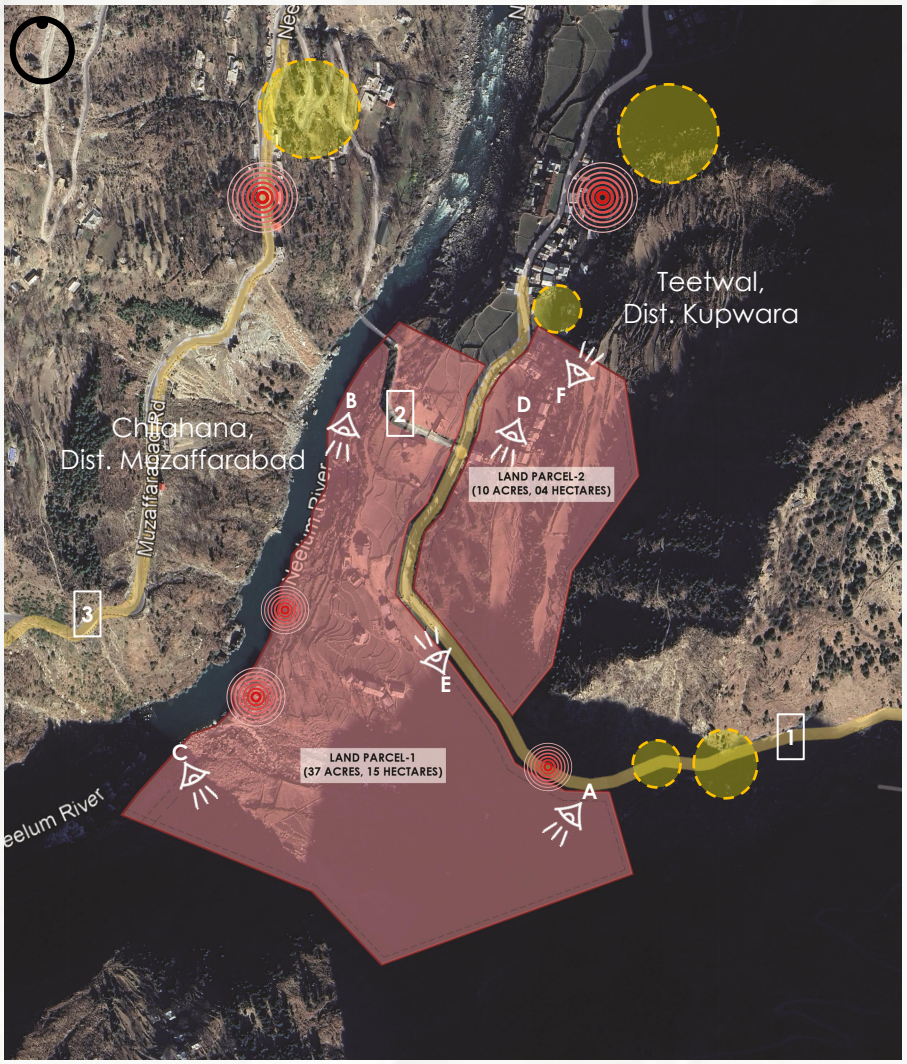
POLYCARBONATE SHEET ON TOP OF STEEL FRAME - DETAIL

Why Polycarbonate?

- Transparency, permeability, and lightness, the qualities of a future without hard divisions.
- Polycarbonate panels are very lightweight and impact-resistant, and

Site

With the govt. actively investing in border area development and tourism under initiatives like Vibrant Villages and Border Tourism, **Teetwa**l holds strong potential. The region has seen a steady surge in tourist footfall in recent years, and its cultural legacy, emotional resonance, and dramatic landscape make it an ideal site for peace-oriented border tourism.



Crowd level Noise level

1 Teetwal Border Road

2 Teetwal Border Bridge (Closed)

3 Muzaffarabad-Neelum Road

Nearest City: Kupwara (82 KM)
Nearest Airport: Shah-i-Alam Int'l Airport, Srinagar (SXR, 157 KM)
Nearest Rilway Station: Banihal Junction (BAHL, 262 KM)

Site Location: Village Teetwal, District Kupwara, J & K
Total Site Area: 40 acres (16 hectares)
F.A.R.: No Compulsory F.A.R. (0.5 Recommended)
Setbacks: Front: 9 M, Rest: 6 M
Border Zone Setback: 50 M from any International Frontier
Parking: 1 ECS/100 sqm (mixed use & recreational)
Fire Tender Path: min. 9 M

Strengths

STRENGTHS:

Strategic Location
Trade Potential
Tourism Appeal
Govt. Support

Weakness

WEAKNESSES:

Security Concerns
Less Infrastructure
Harsh Climate
Limited Economy

Opportunities

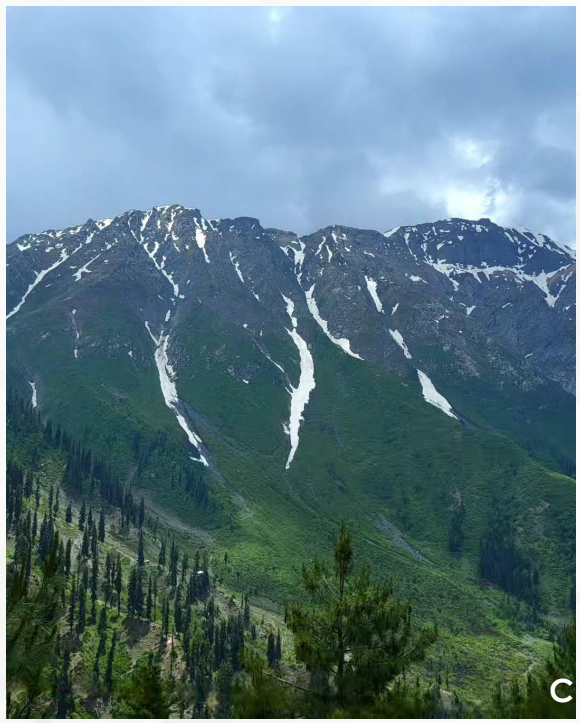
OPPORTUNITIES:

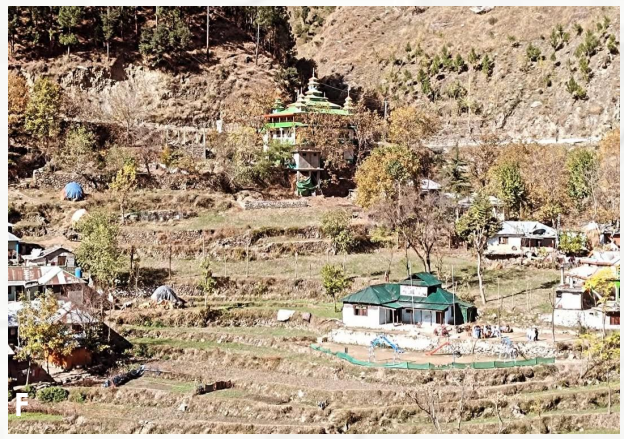
Trade Hub
Tourism Growth
Strategic Infrastructure
Employment Generation

Threats

THREATS:

Political Instability
Military Presence
Natural Disasters.
Social Sensitivities





Zoning

Vehicular Circulation - Outside
Vehicular Circulation - Inside
Pedestrian Circulation
1999 War Memorial (Existing)
Car/Scooter Parking provided near amphitheatre
Covered amphitheatre with space provided for beating the retreat ceremony
Open shops provided for souvenirs, etc
Observatory tower provided near the edge of the river
VIP Cottages provided near the river at the lowest part of the site
Youth Hostel provided behind the VIP cottages, separated by green buffer
Yoga & Reading Pavillions provided near the residential zone
Crafts Shops & Exhibition Pavillions provided centrally
Farmers Market provided near botanical garden
Shops provided for visitors
Food & Snack Pavilions provided near the botanical garden
Botanical Garden for growing local fruits, flowers, plants
Car, Bus & Scooter Parking
Food & Snack Pavilions provided near the botanical garden
Handicrafts market near the entrance
Three Story Multipupose Hall
Drop Off giving entry to both sides of the road with a subway underneath
Car. Bus, & Scooter Parking near Entry
Information Centre provided near the museum
Handicrafts Market provided near the museum
Handicrafts Market provided near the museum
Cultural Pavillion for events
Observatory tower provided at the highest point of the site
Community Halls provided near the auditorium
Food Court provided near the auditorium
250 Seater Auditorium provided near the second entry

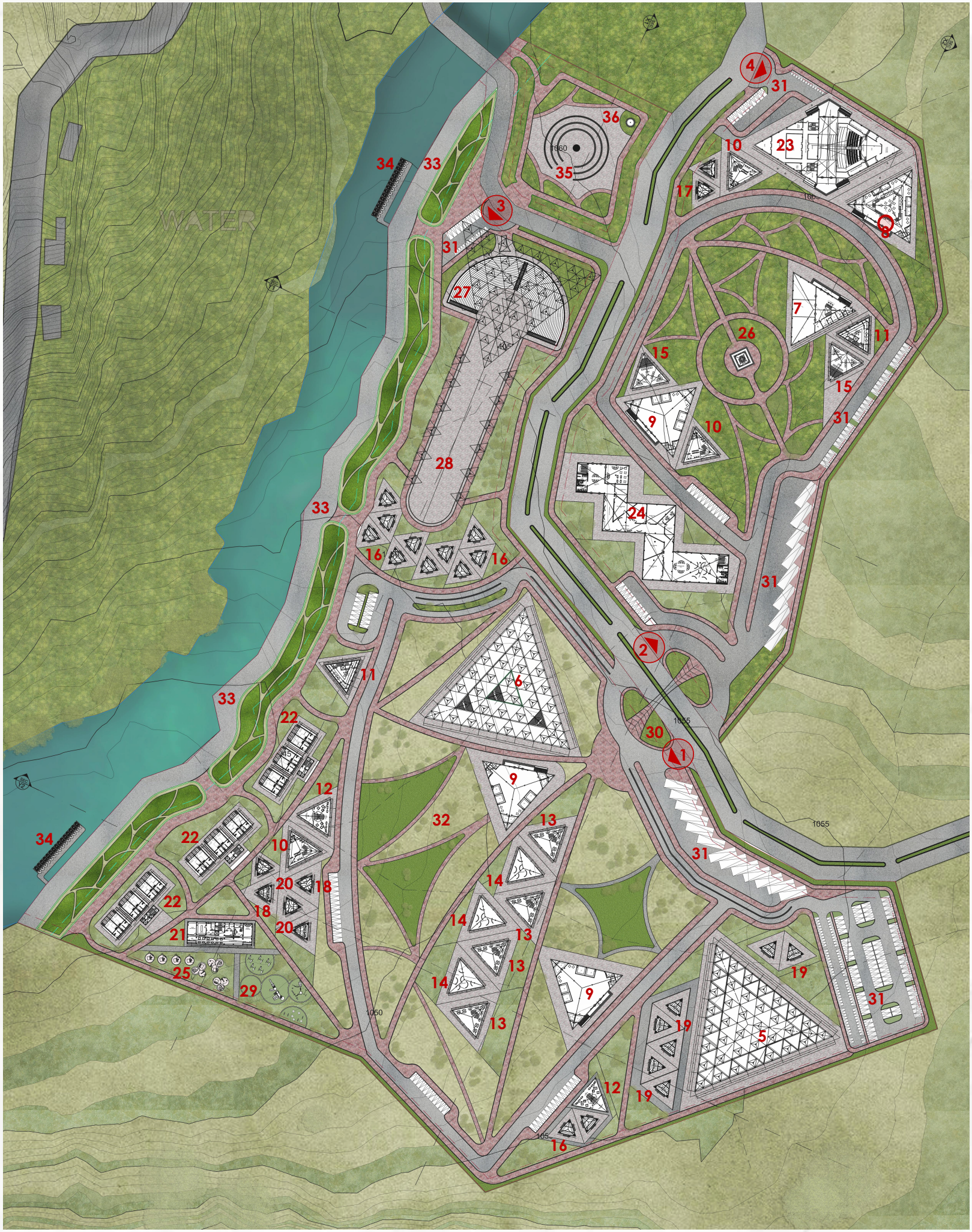
Site Plan

Legend

1. Main Entry - 01
2. Main Entry - 02
3. Parade Area Entry
4. Auditorium Entry
5. Botanical Garden 80 M
6. Multipurpose Space - 80 M
7. Community Hall - 40 M
8. Food Court - 40 M
9. Market Space - 40 M
10. Information Centre - 20 M
11. Observatory Tower - 20 M
12. Cafe - 20 M
13. Crafts Shop - 20 M
14. Exhibition Pavilion - 20 M
15. Cultural Pvilion - 20 M
16. Open Shops - 10 M
17. Small Theatre - 10 M
18. Yoga Pavilion - 10 M
19. Food & Snacks - 10 M
20. Reading Pavilion - 10 M
21. Youth Hostel
22. VIP Cottages
23. Auditorium
24. Border Museum
25. Bubble Tents
26. Clock Tower
27. Covered Amphitheatre
28. Parade Space
29. Children Play Area
30. Pedestrian Underpass
31. Parking
32. Urban Forest
33. Border Buffer Zone
34. Police Jetty
35. War Memorial (existing)
36. Flag Pole

Area Details:

Total Site Area: 1,61,000 sqm.
Total Built Up Area: 25,350 sqm.
Ground Coverage:18,500 sqm. (23%)
Vehicular Circulation: 17.85%
Green Spaces/Landcaping: 59.15%
Maximum Occupancy: 11,793 Ppl.
F.A.R. Recommended: 0.5
F.A.R. Achieved: 0.32
Minimum Required Parking: 380
No. of Bus Parking: 21
No. of 4-Wheeler Parking: 276
No. of 2-Wheeler Parking: 115



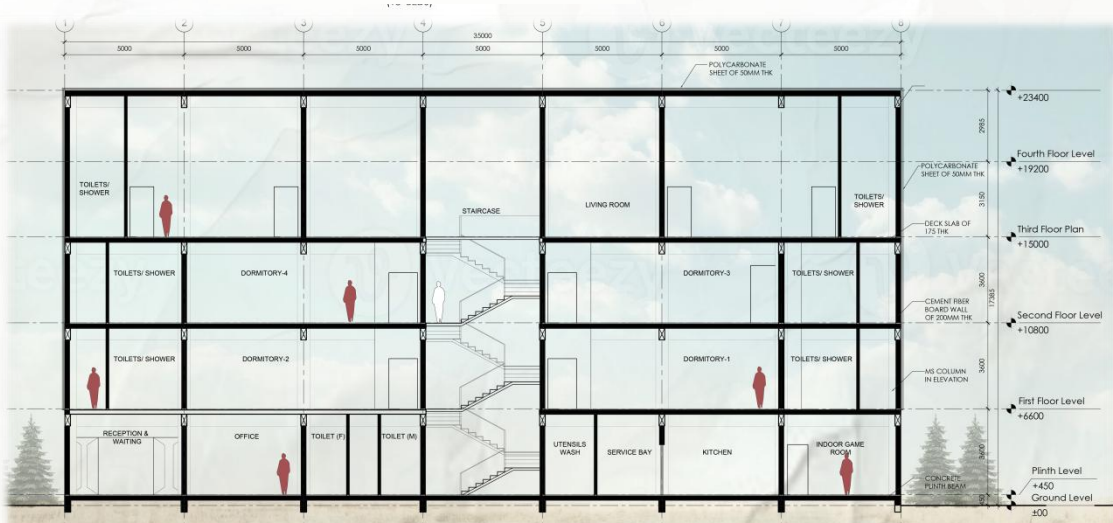
Youth Hostel

GROUND FLOOR PLAN

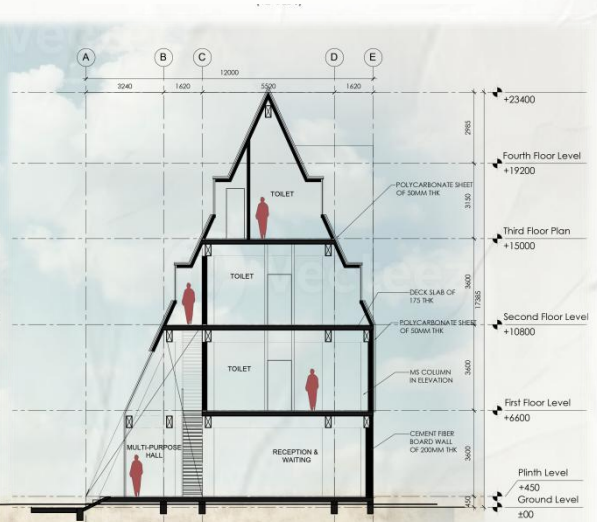
SECOND FLOOR PLAN (17 Beds)

FIRST FLOOR PLAN (18 Beds)

THIRD FLOOR PLAN (12 Beds)

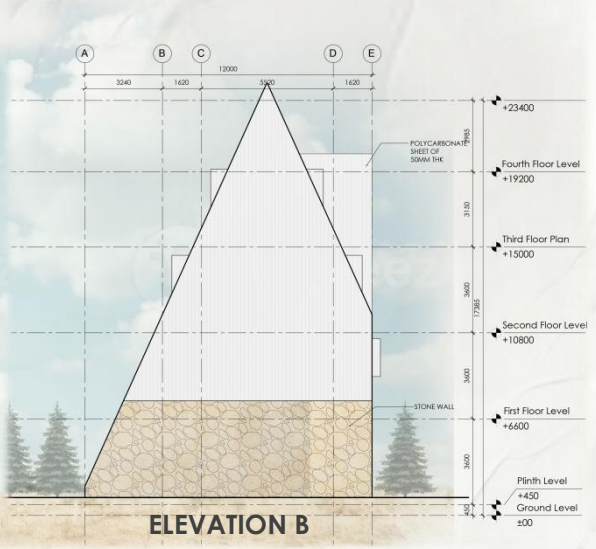


SECTION 01



SECTION 02

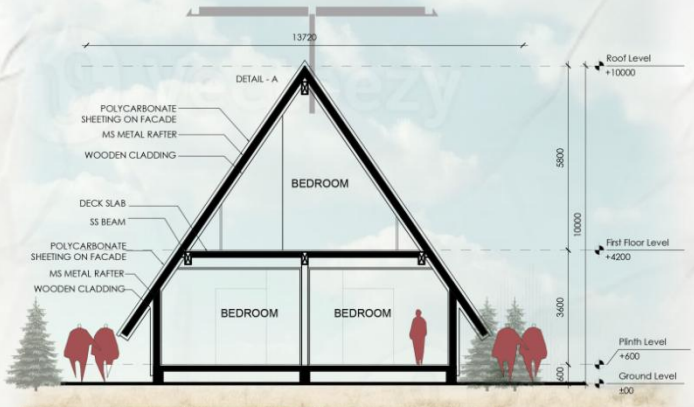
ELEVATION A



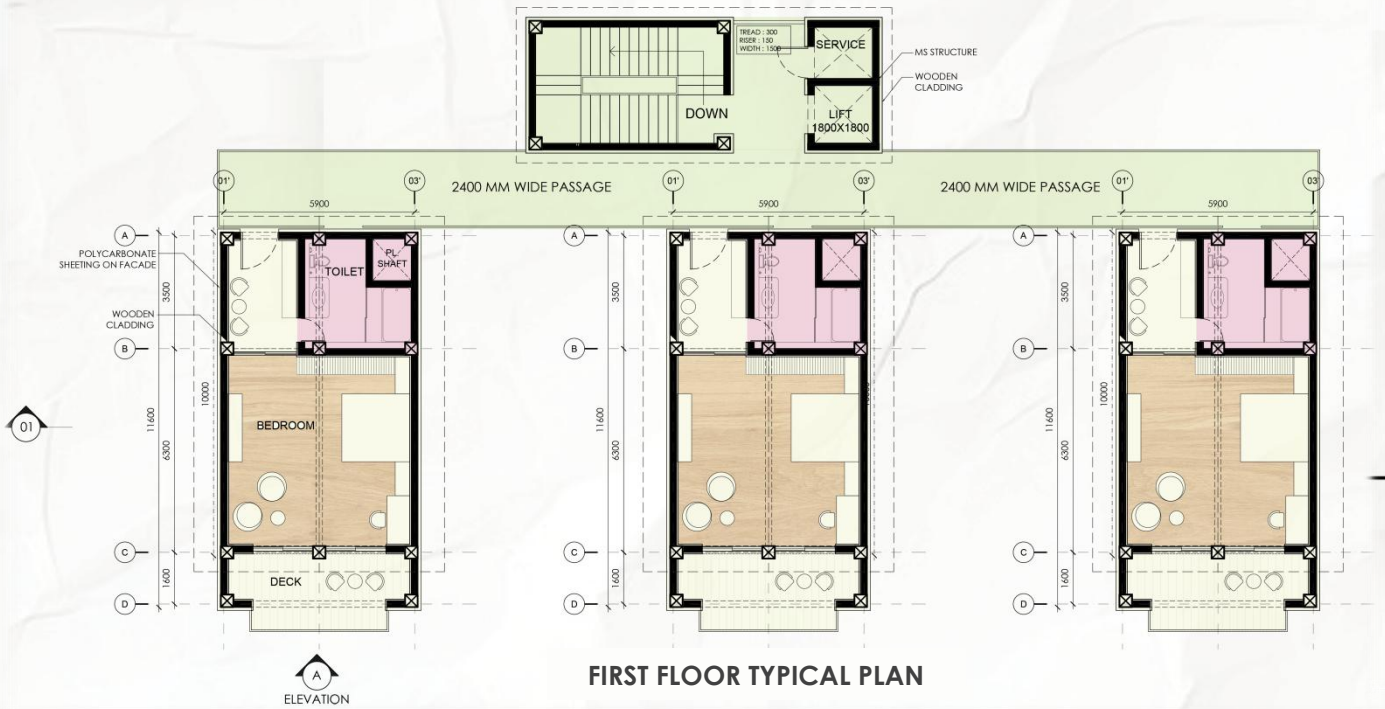
ELEVATION B

VIP Cottages

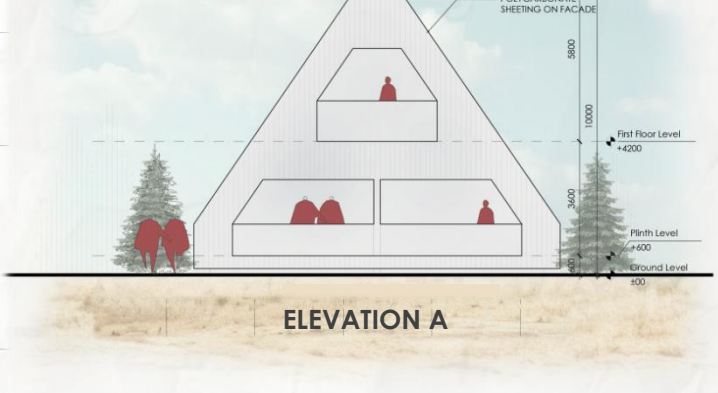
GROUND FLOOR TYPICAL PLAN



SECTION 01



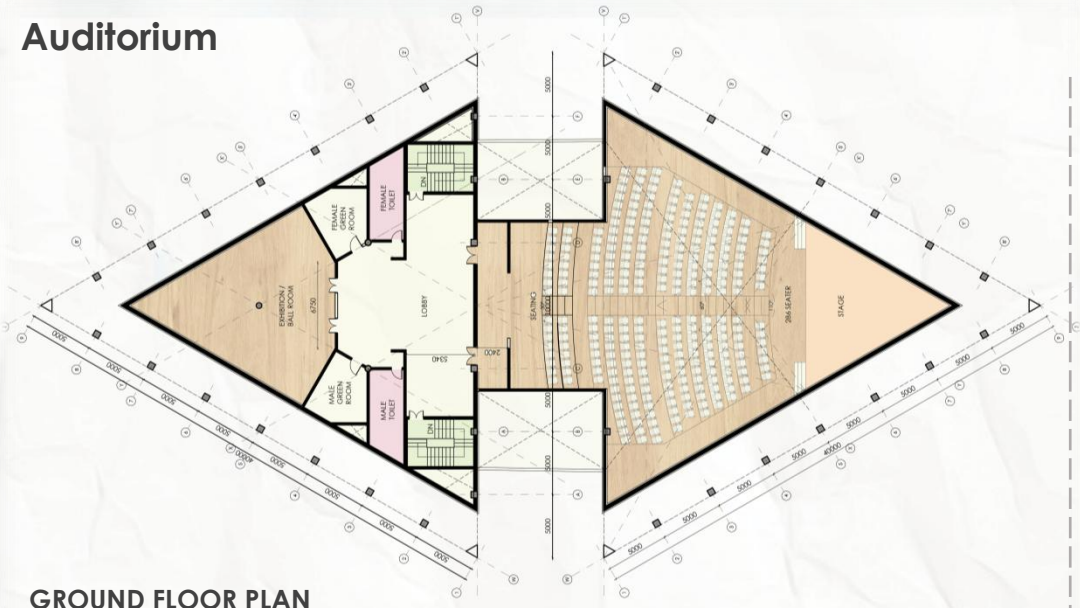
FIRST FLOOR TYPICAL PLAN



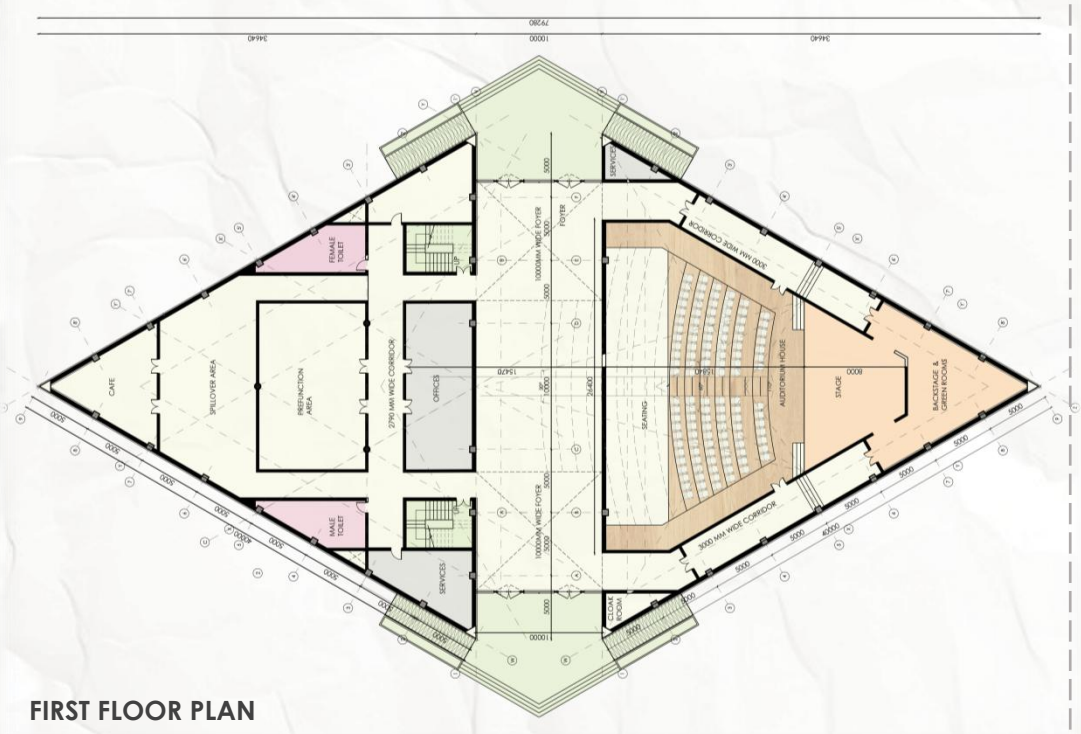
ELEVATION A

AREA PROGRAM							
S. NO.	FUNCTIONS	NO.OF FLOORS	HEIGHT (M)	QUANTITY	UNIT AREA (SQM.)	TOTAL AREA	OCCUPANCY
E	OTHER BUILDINGS/FUNCTIONS						
1	YOUTH HOSTEL	G+3	16.7	1	1272	1272	112
2	VIP COTTAGES	G+1	10	9	194	1746	140

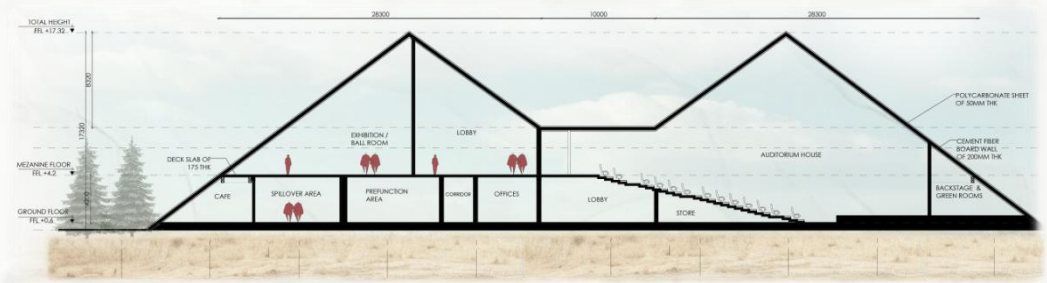
Auditorium



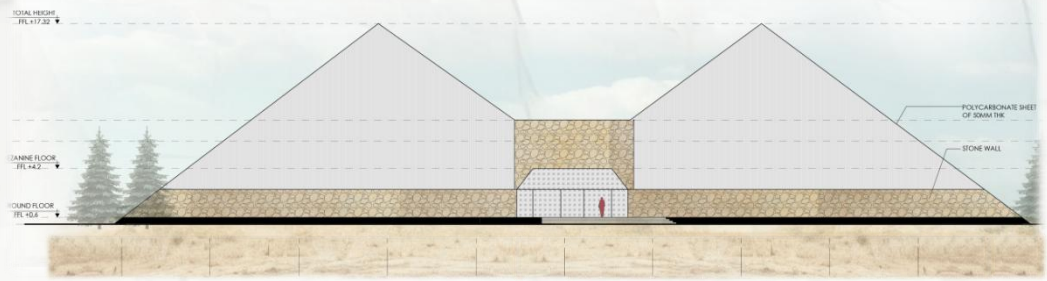
GROUND FLOOR PLAN



FIRST FLOOR PLAN

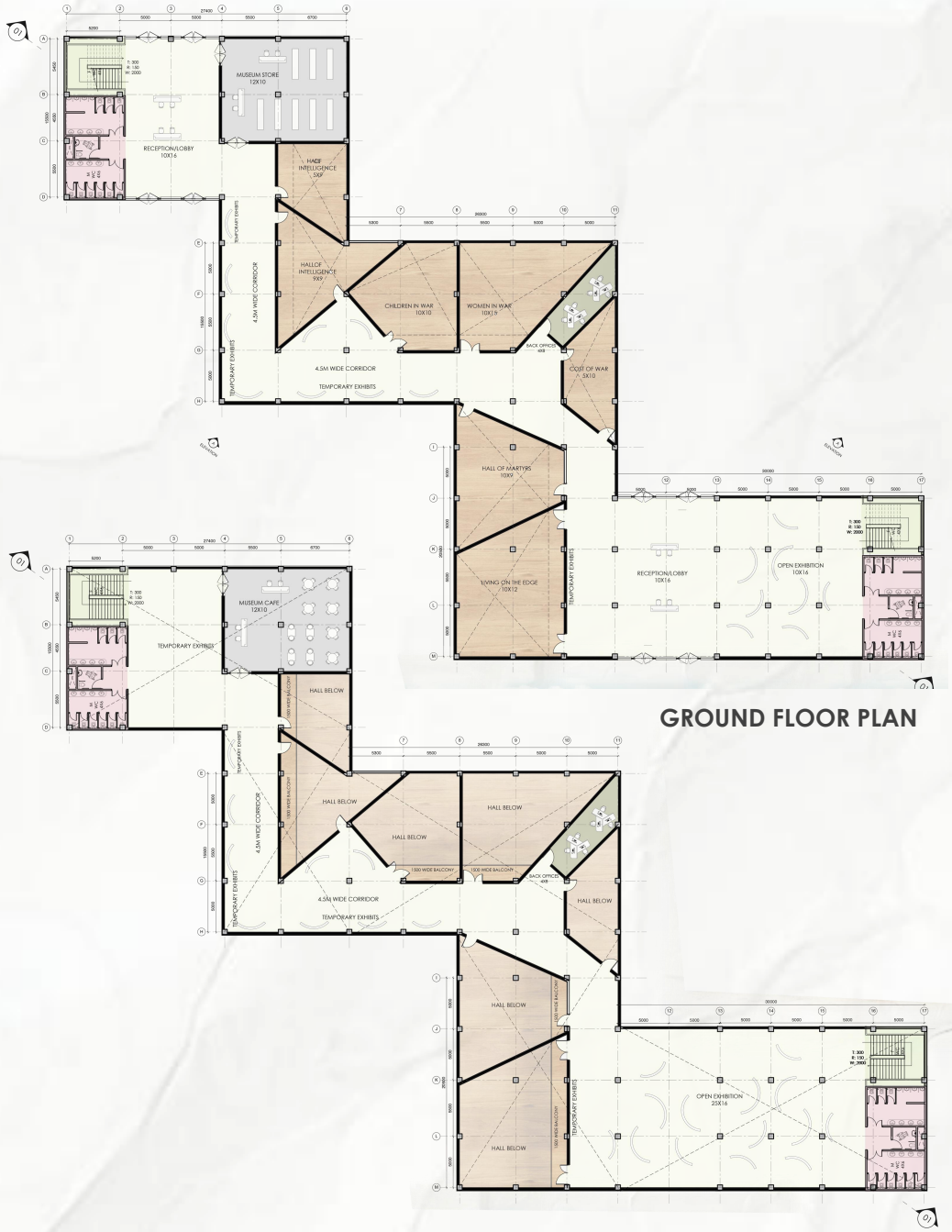


SECTION 01



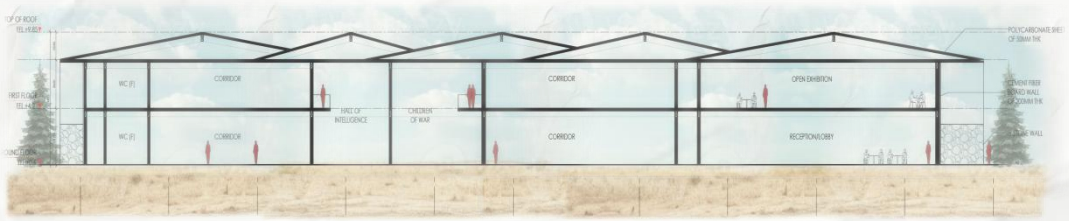
ELEVATION A

Border Museum

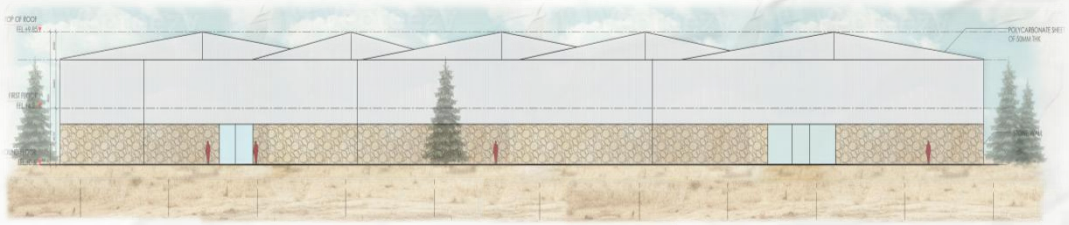


GROUND FLOOR PLAN

FIRST FLOOR PLAN



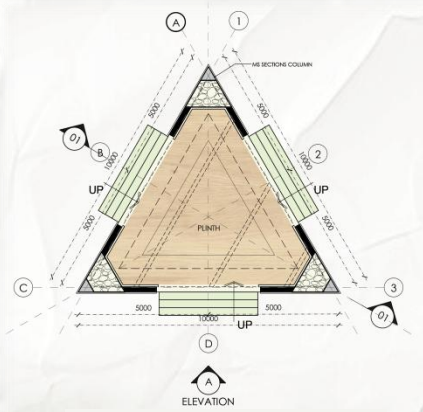
SECTION 01



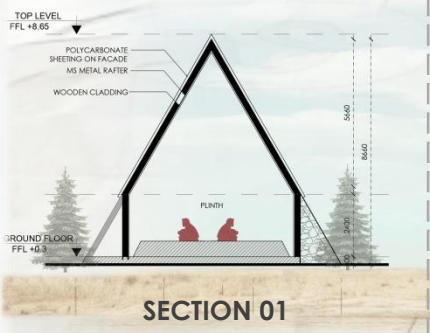
ELEVATION A

10 M Modules

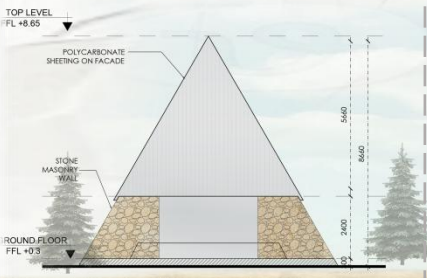
OPEN SHOP



GROUND LEVEL PLAN

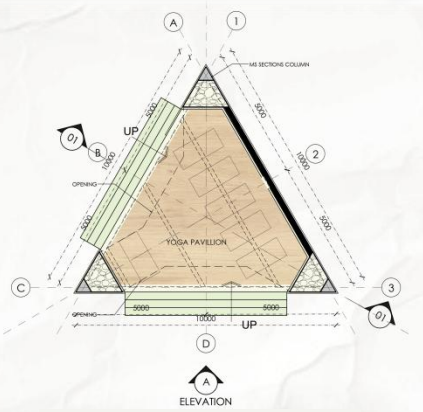


SECTION 01

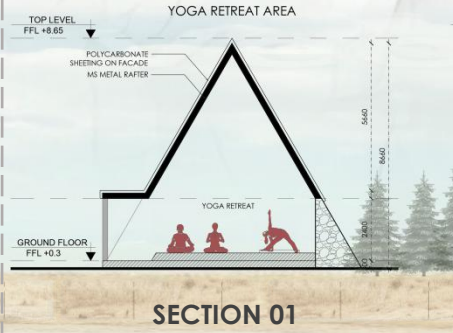


ELEVATION A

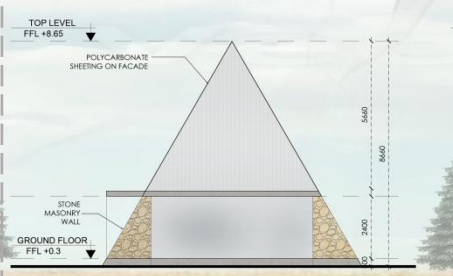
YOGA PAVILION



GROUND LEVEL PLAN

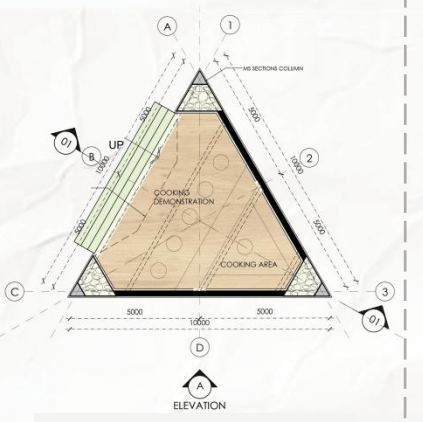


SECTION 01

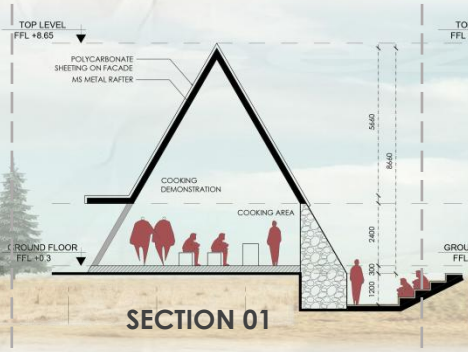


ELEVATION A

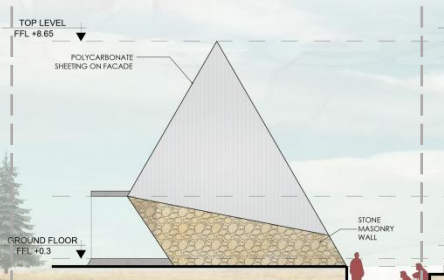
FOOD/SNACKS PAVILLION



GROUND LEVEL PLAN

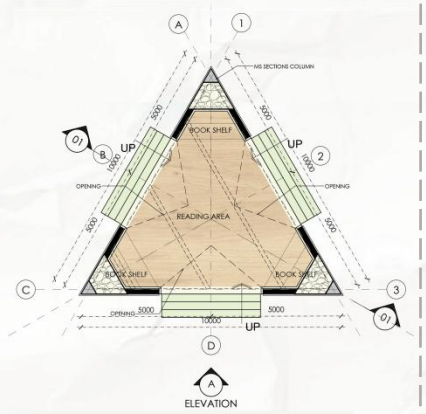


SECTION 01

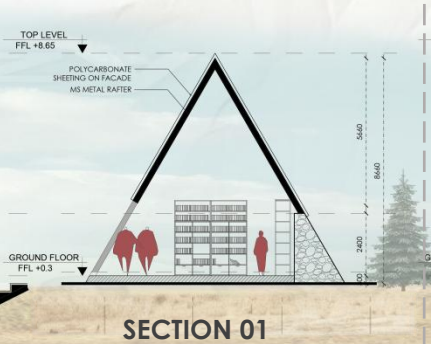


ELEVATION A

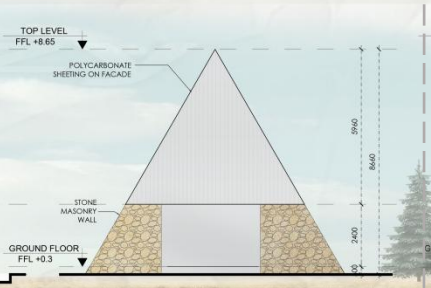
READING PAVILION



GROUND LEVEL PLAN

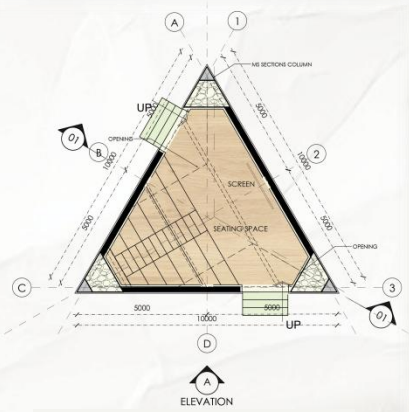


SECTION 01

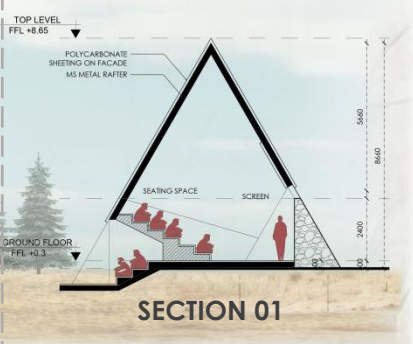


ELEVATION A

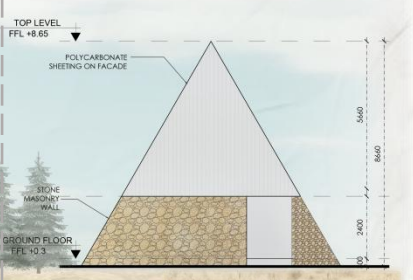
THEATRE PAVILION



GROUND LEVEL PLAN



SECTION 01

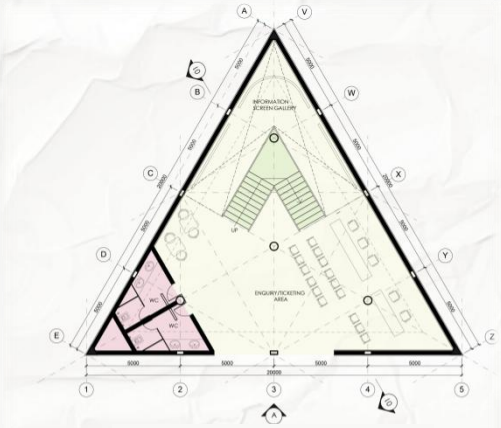


ELEVATION A

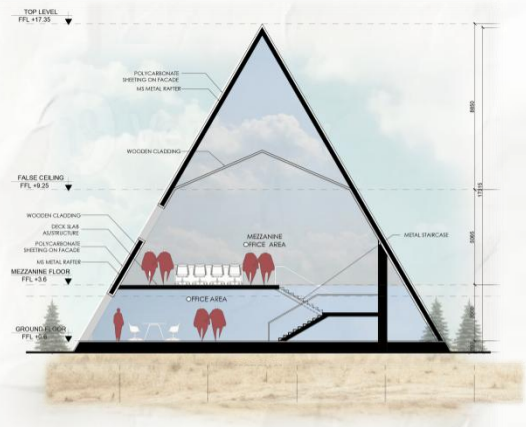
AREA PROGRAM							
S. NO.	FUNCTIONS	NO.OF FLOORS	HEIGHT (M)	QUANTITY	UNIT AREA (SQM.)	TOTAL AREA	OCCUPANCY
D	10 METRE SIDE						
1	Open Shop	G	8.7	12	43.3	519.6	371
2	Small Theatre Pavilion	G	8.7	1	43.3	43.3	31
3	Yoga Pavilion	G	8.7	2	43.3	86.6	62
4	Food & Snack Pavilion	G	8.7	7	43.3	303.1	168
5	Reading Pavilion	G	8.7	4	43.3	173.2	124

20 M Modules

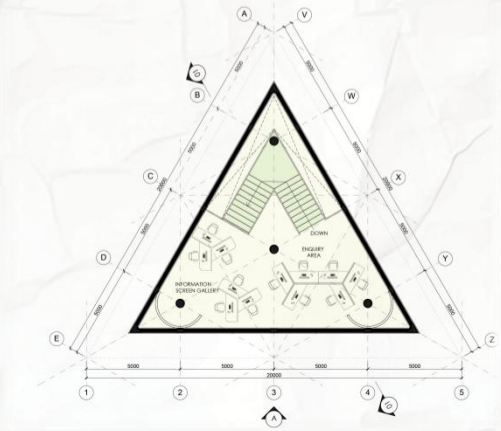
INFORMATION CENTRE



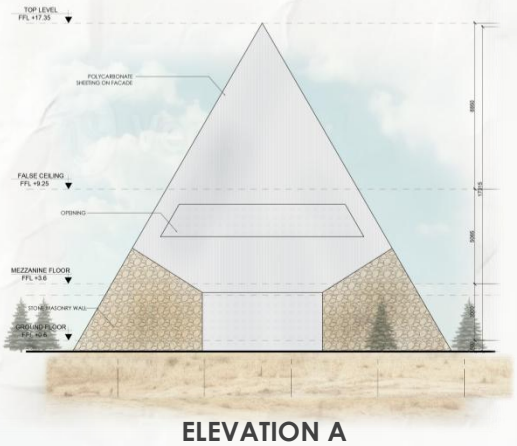
GROUND LEVEL PLAN



SECTION 01



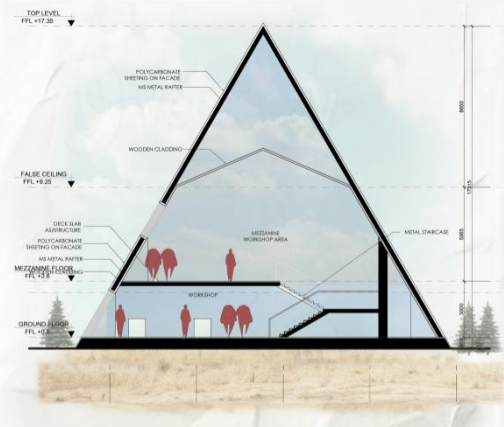
MEZZANINE LEVEL PLAN



ELEVATION A

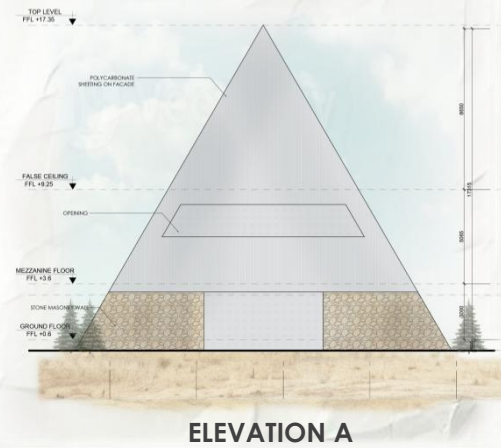
CRAFTS SHOP

GROUND LEVEL PLAN



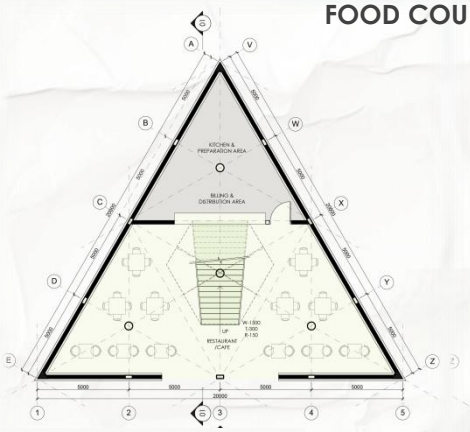
SECTION 01

MEZZANINE LEVEL PLAN

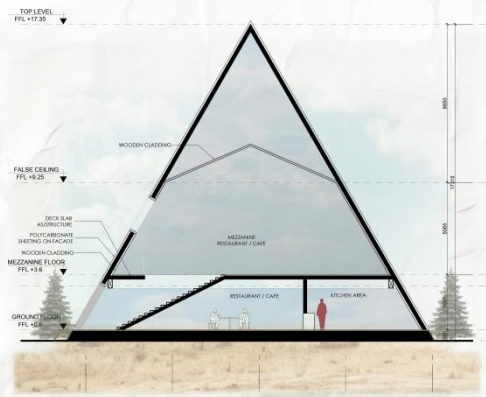


ELEVATION A

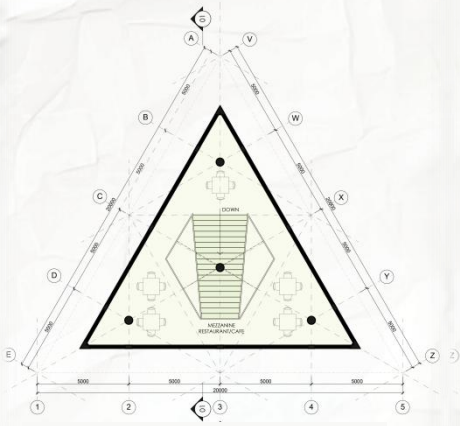
FOOD COURT



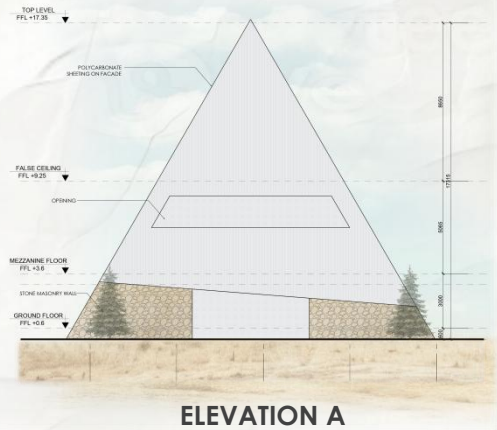
GROUND LEVEL PLAN



SECTION 01

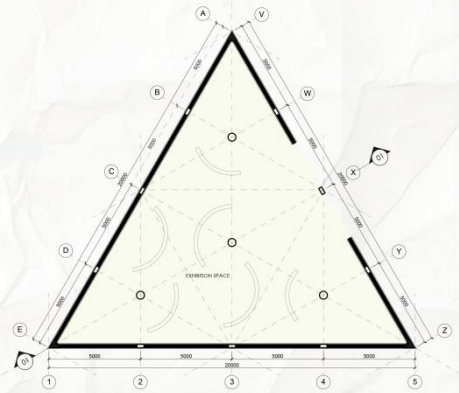


MEZZANINE LEVEL PLAN

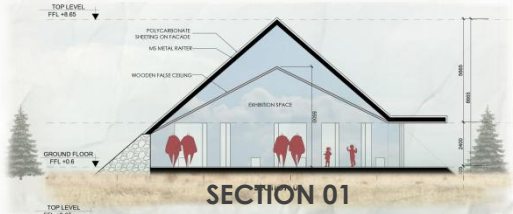


ELEVATION A

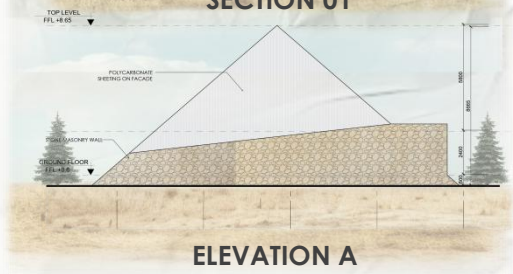
EXHIBITION



GROUND LEVEL PLAN

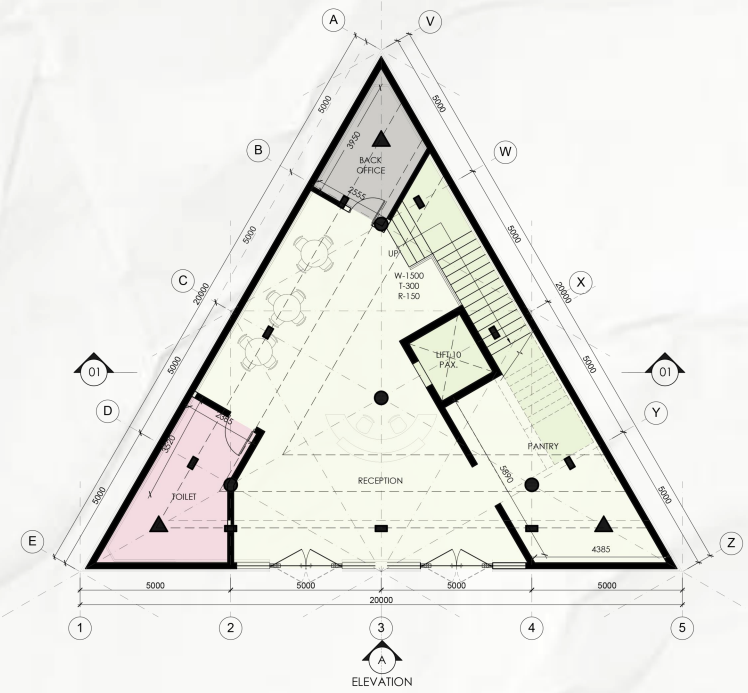


SECTION 01

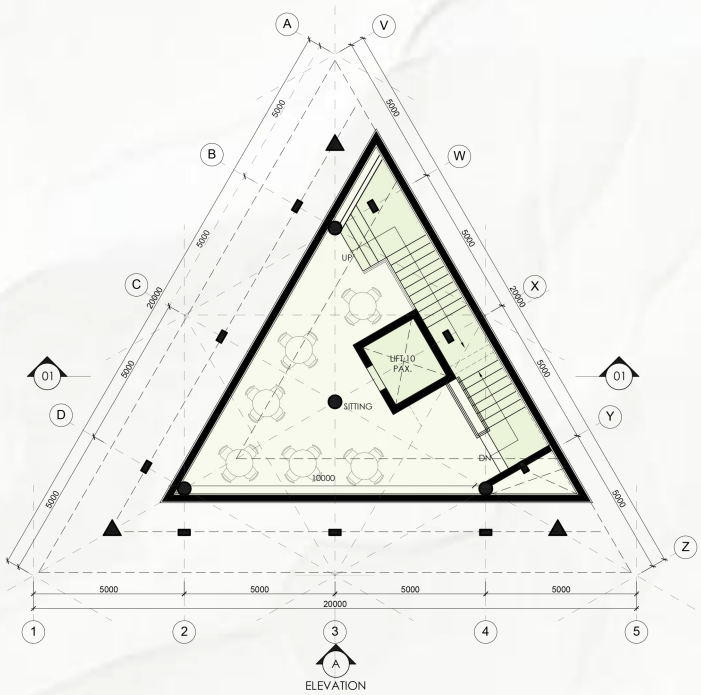


ELEVATION A

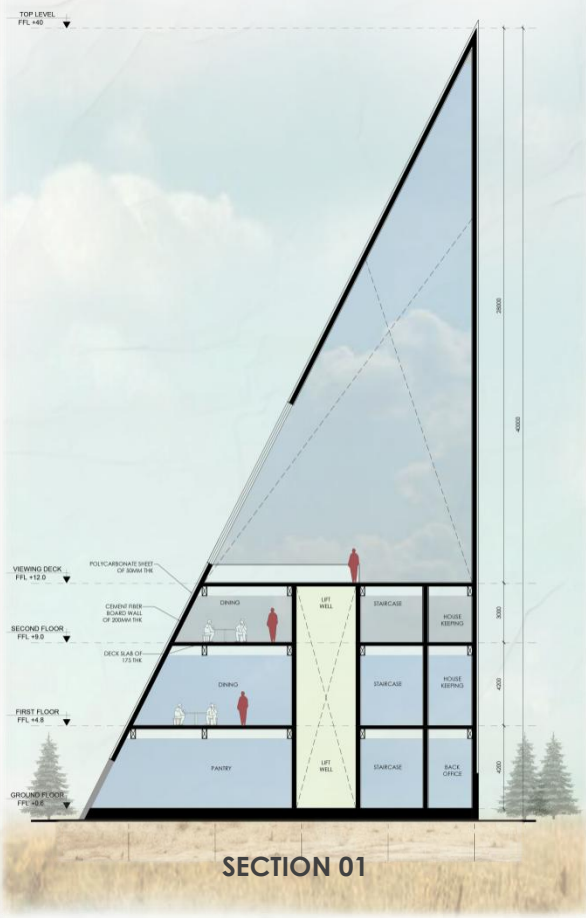
20 M Modules - Observatory Tower



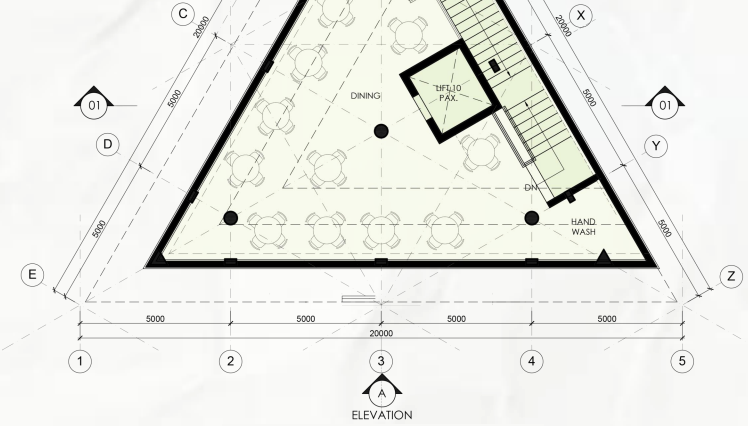
GROUND FLOOR PLAN



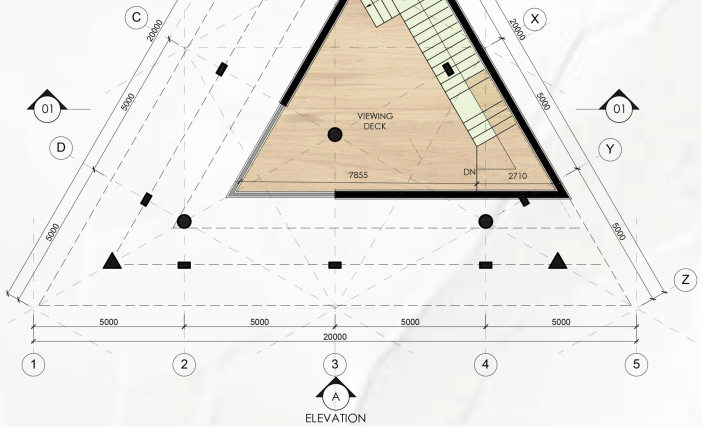
SECOND FLOOR PLAN



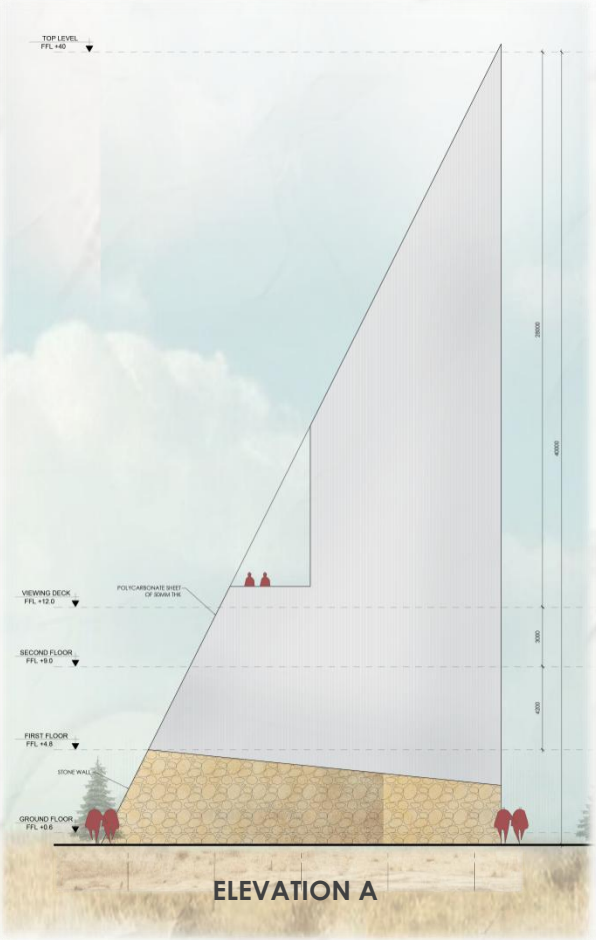
SECTION 01



FIRST FLOOR PLAN



THIRD FLOOR PLAN

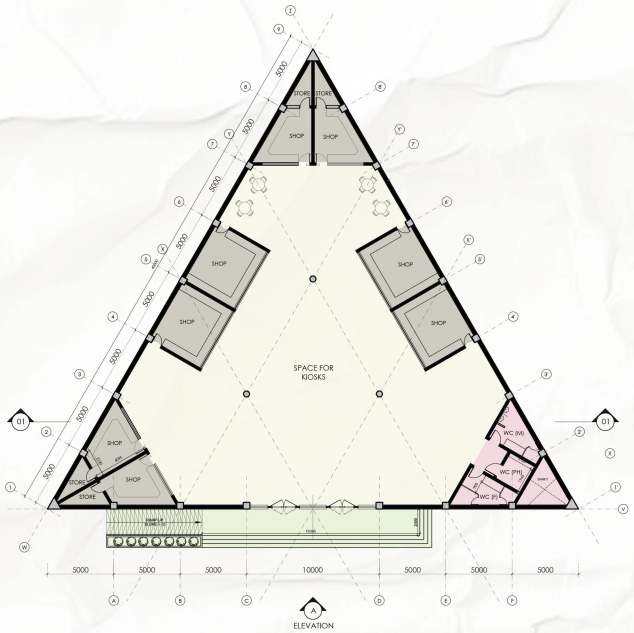


ELEVATION A

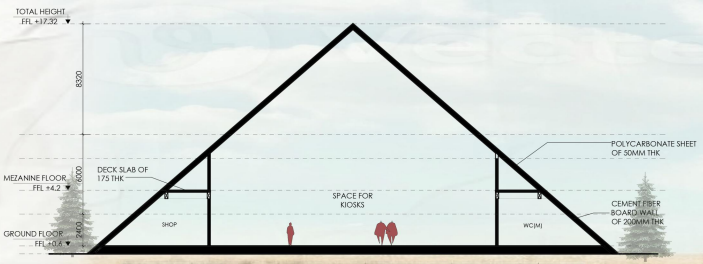
AREA PROGRAM`							
S. NO.	FUNCTIONS	NO.OF FLOORS	HEIGHT (M)	QTY.	UNIT AREA (SQM.)	TOTAL AREA	OCCUPANCY
C	20 METRE SIDE						
1	INFORMATION CENTRE	G+1	17.5	3	247.2	741.6	150
2	OBSERVATORY TOWER	G+3	40	2	434.2	868.4	87
3	RESTAURANT/CAFE	G+1	17.5	2	247.2	494.4	142
4	CRAFTS SHOPS	G+1	17.5	4	247.2	988.8	200
5	EXHIBITION SPACE	G	8.7	3	173.2	519.6	75
6	CULTURAL SPACE	G+1	17.5	2	247.2	494.4	100

40 M Modules

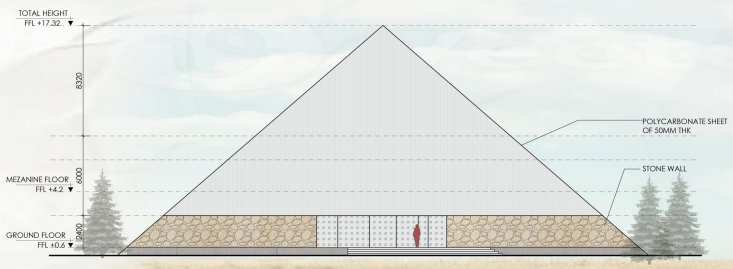
MARKET



GROUND FLOOR PLAN

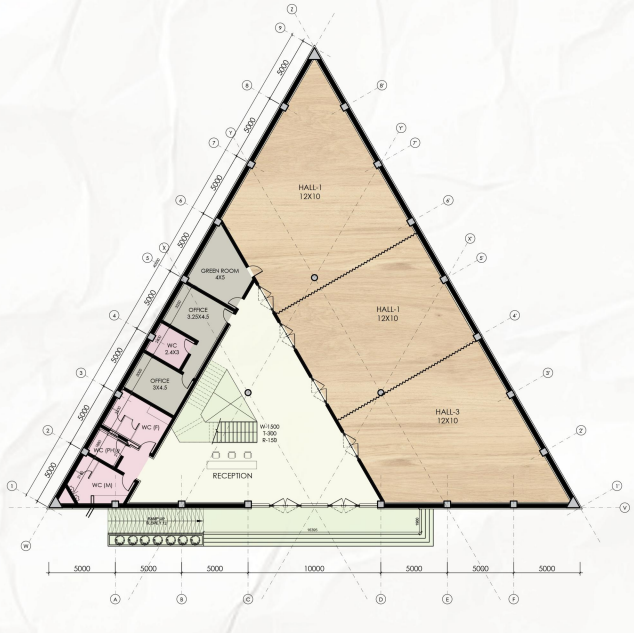


SECTION 1

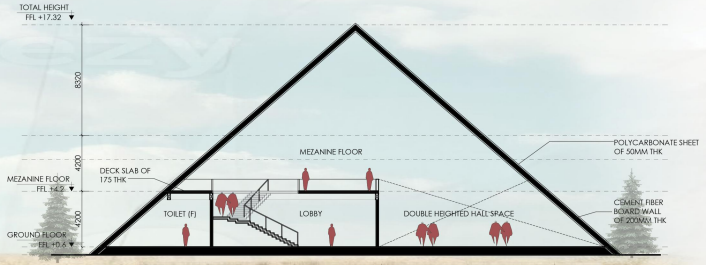


ELEVATIONS

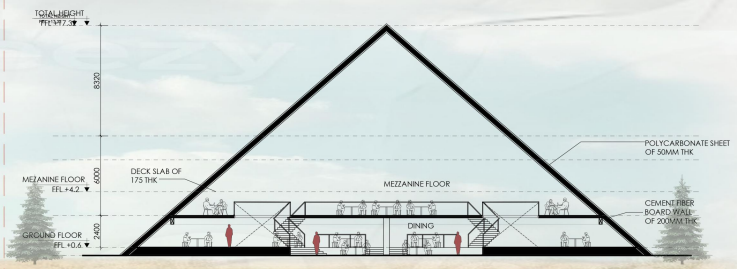
COMMUNITY HALL



GROUND FLOOR PLAN

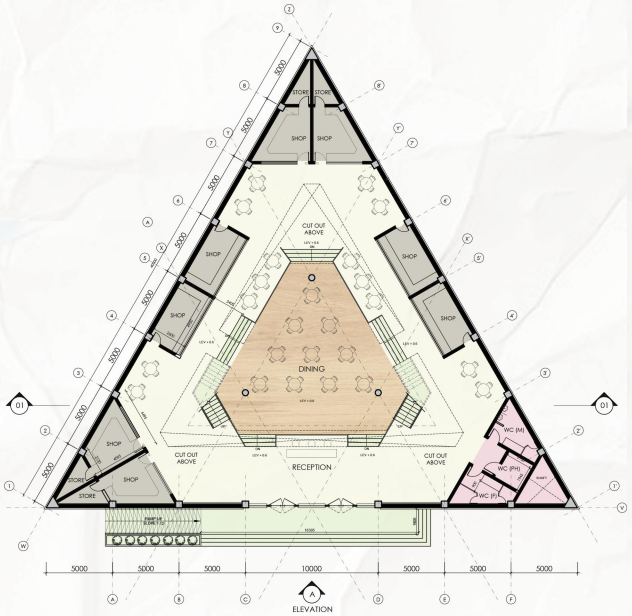


COMMUNITY HALL SECTION 1

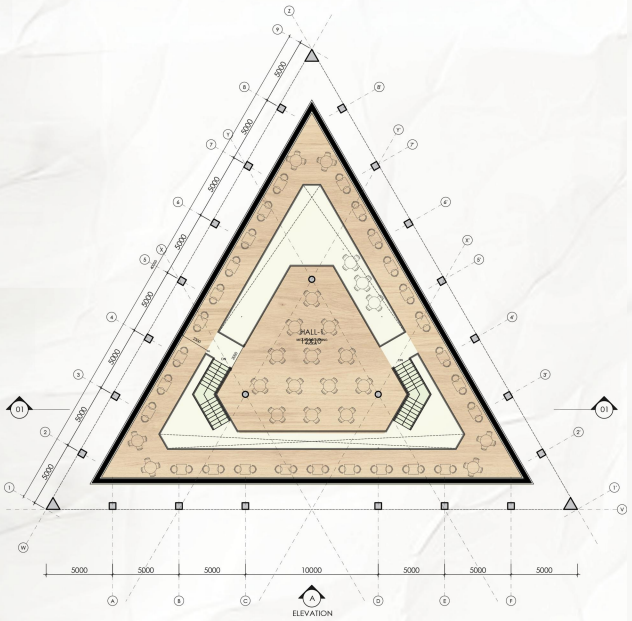

TOTAL HEIGHT FFL +17.32
MEZANINE FLOOR FFL +4.2
GROUND FLOOR FFL +0.6
DECK SLAB OF 175 THK
MEZZANINE FLOOR
DINING
POLYCARBONATE SHEET OF 50MM THK
CEMENT FIBER BOARD WALL OF 200MM THK

FOOD COURT SECTION 1

FOOD COURT



GROUND FLOOR PLAN

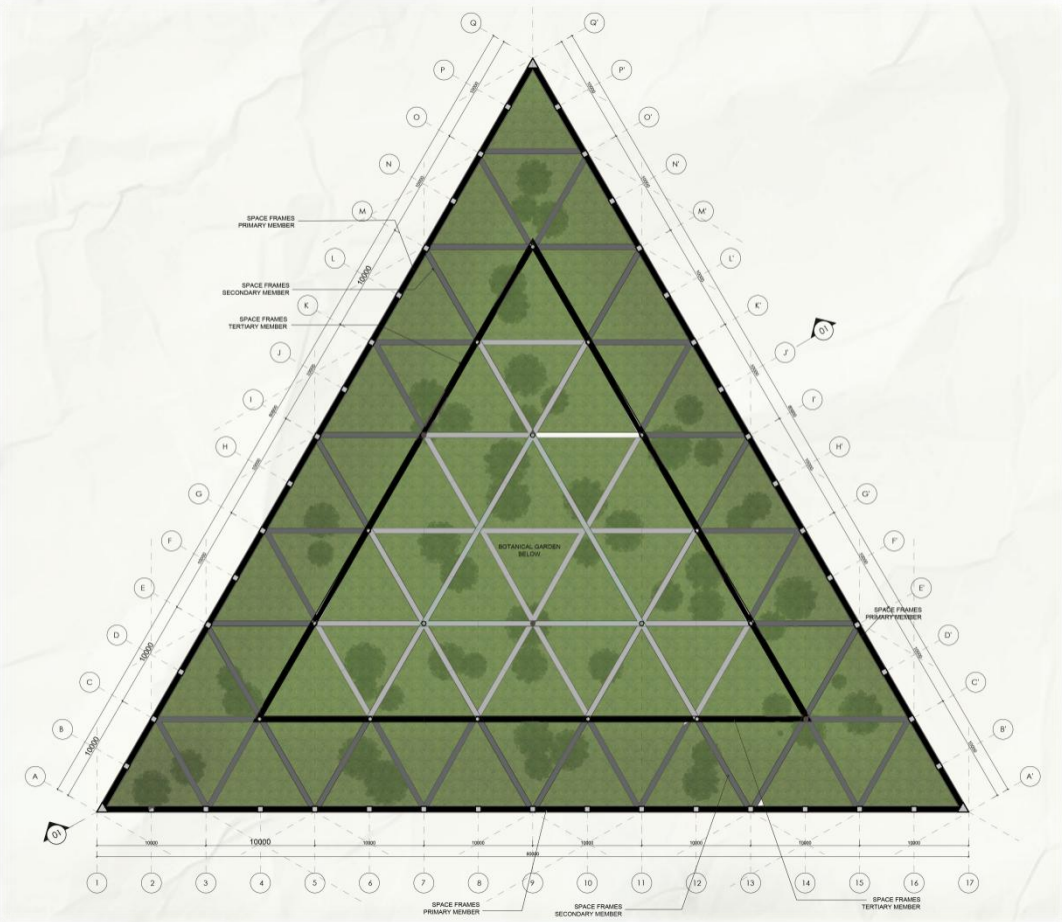


MEZZANINE LEVEL PLAN

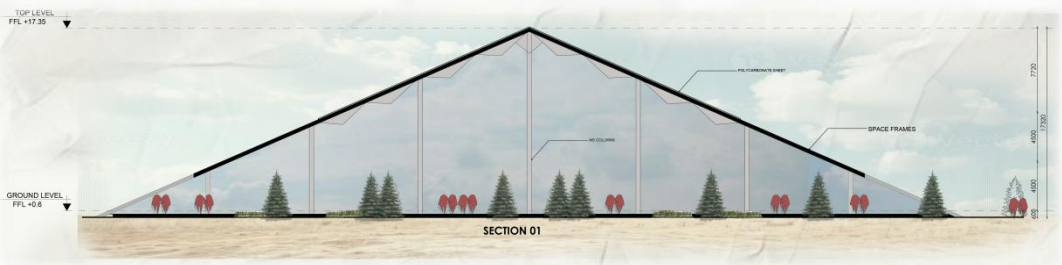
AREA PROGRAM							
S. NO.	FUNCTIONS	NO.OF FLOORS	HEIGHT (M)	QUANTITY	UNIT AREA (SQM.)	TOTAL AREA	OCCUPANCY
B	40 METRE SIDE						
1	COMMUNITY HALL	G+1	17.5	1	826.8	826.8	1000
2	FOOD COURT	G+1	17.5	1	1048.8	1048.8	146
3	MARKET (FARMERS/HANDICRAFT)	G	17.5	3	692.8	2078.4	1485

80 M Modules

BOTANICAL GARDEN

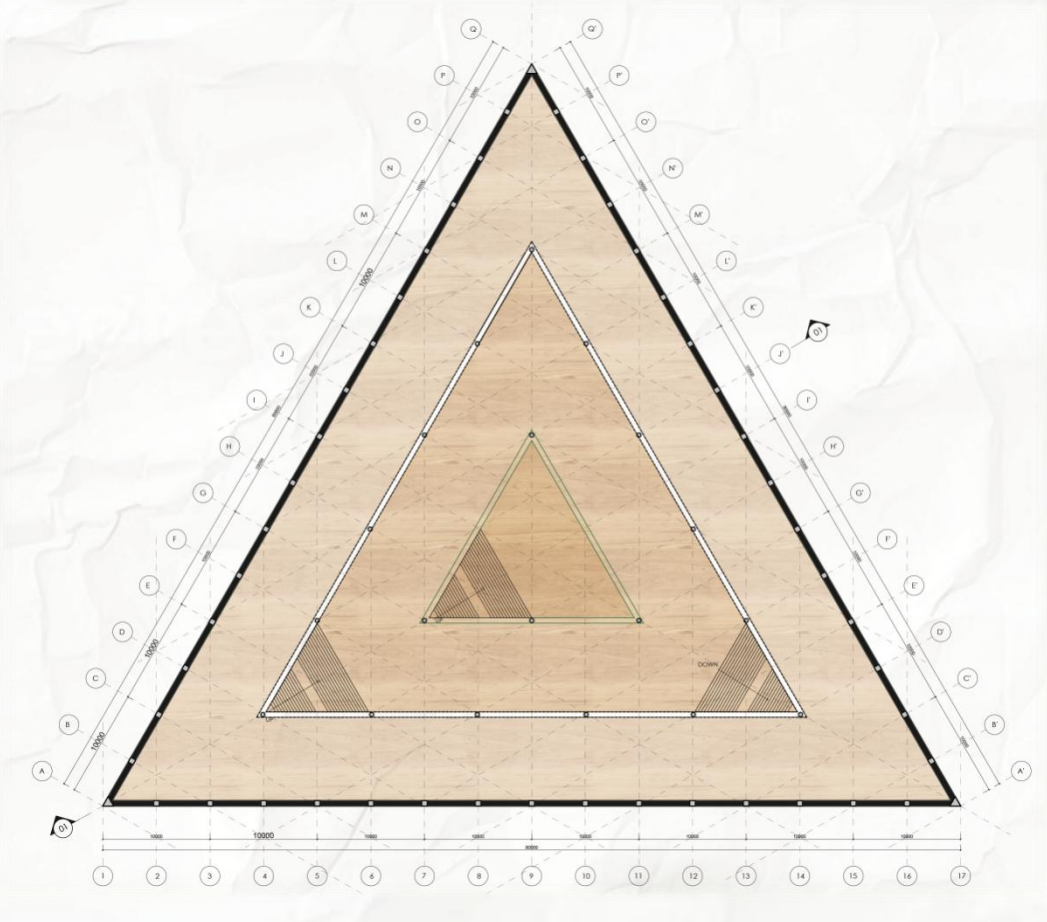


GROUND FLOOR PLAN

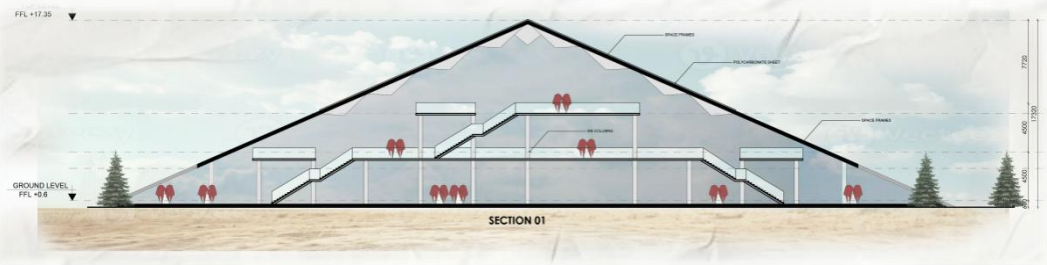


SECTION 01

MULTIPURPOSE ACTIVITY HALL

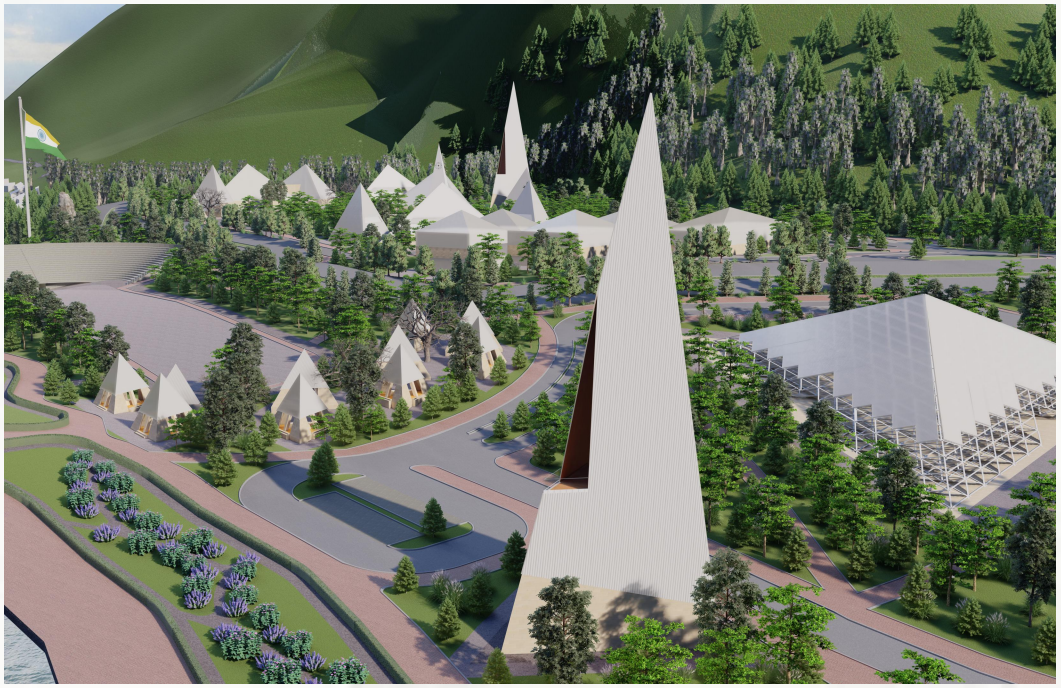


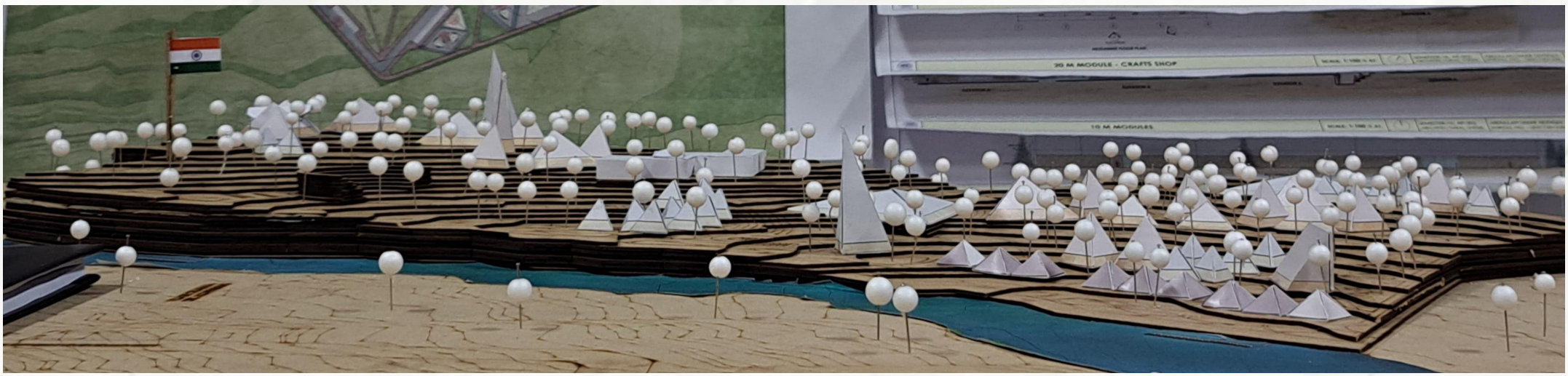
GROUND FLOOR PLAN



SECTION 01

AREA PROGRAM							
S. NO.	FUNCTIONS	NO.OF FLOORS	HEIGHT (M)	QUANTITY	UNIT AREA (SQM.)	TOTAL AREA	OCCUPANCY
A	80 METRE SIDE						
1	Botanical Garden	G	17.5	1	2771.2	2771.2	1979
2	Multipurpose Activity Space	G+2	17.5	1	4106.8	4106.8	2933




20 M MODULE - CRAFTS SHOP
10 M MODULES

3 Urban Design

Urban Neighbourhood Revitalisation, R.K. Puram, New Delhi

"The success of a city lies not in its skyline, but in the strength of its neighbourhoods." ~Jan Gehl

Urban Neighbourhood Revitalisation

Urban Redevelopment of Sector-1, R.K. Puram is a 20-hectare neighbourhood-scale urban design proposal that reimagines an aging government housing colony into a vibrant, mixed-use, and sustainable urban precinct. Informed by the vision of the Delhi Master Plan 2041, the project focuses on increasing residential density, enhancing public spaces, improving walkability, and integrating transit-oriented development principles. The proposal introduces a hierarchy of open spaces, affordable and diversified housing typologies, active ground-floor edges, and resilient infrastructure systems.

Through participatory design, inclusive planning, and contextual architecture, the project aims to transform Sector-1 into a future-ready urban neighbourhood that supports social equity, environmental sustainability, and livability within Delhi's evolving urban fabric.

Location: R.K. Puram Sector-1, New Delhi

Site Area: 20 Hectares (2,00,000 Sqm.)

Total Built Up Area: 5,30,000 Sqm.

Semester: 8th

Site Plan

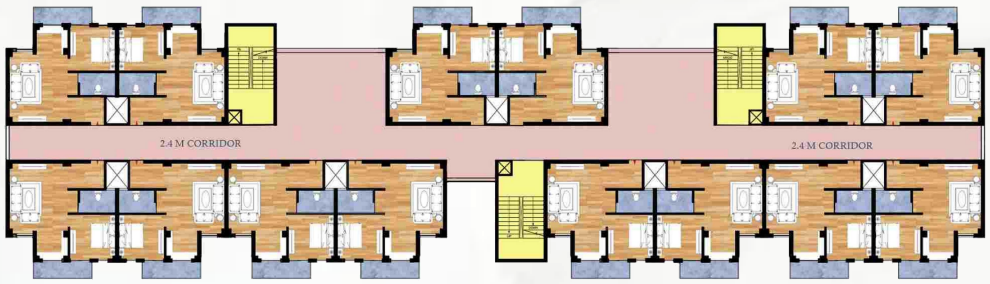
Legend

1. Commercial + Office
2. Cultural Centre
3. Club House
4. 1 BHK Housing
5. 2 BHK Housing
6. 3 BHK Housing
7. Student Housing
8. Pre Primary School
9. Public Plaza
10. Open Air Theatre (OAT)
11. Open Space

COMMERCIAL + OFFICE
(G+9)
2 BHK HOUSING
(G+11)
CULTURAL CENTRE
(G+1)
3 BHK HOUSING
(G+13)
1 BHK HOUSING
(G+12)
CLUB HOUSE
(G+2)
PRE PRIMARY SCHOOL
(G+1)
STUDENT HPOUSING
(G+7)
1
2
3
4
5

1 BHK Housing

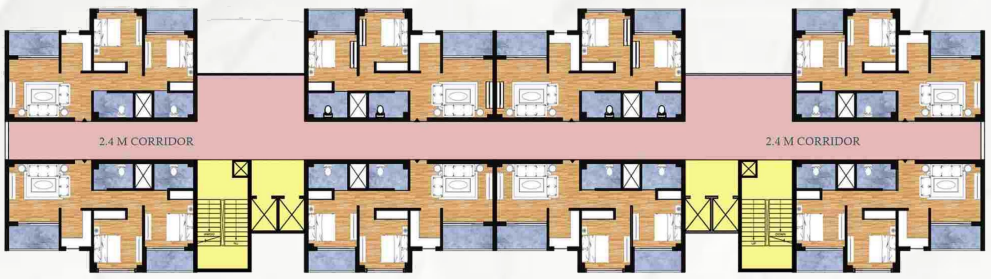
Ground Floor Plan



Typical Floor Plan

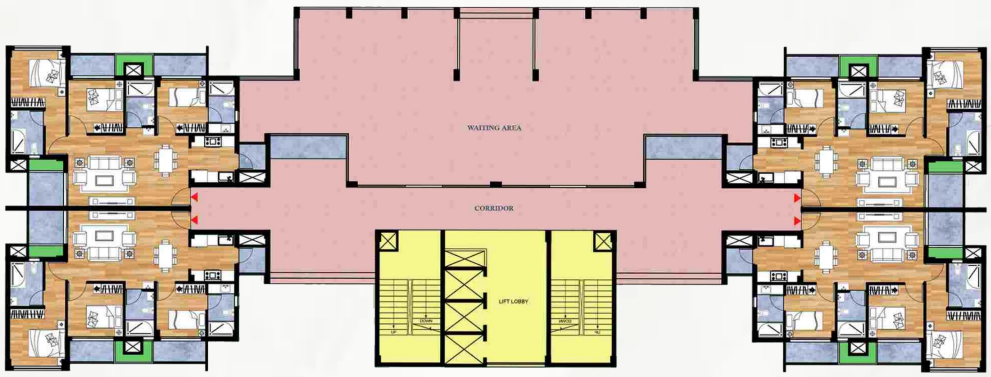
2 BHK Housing

Ground Floor Plan



Typical Floor Plan

3 BHK Housing



Ground Floor Plan

Typical Floor Plan

Student Housing

Ground Floor Plan

1 BHK Housing Section

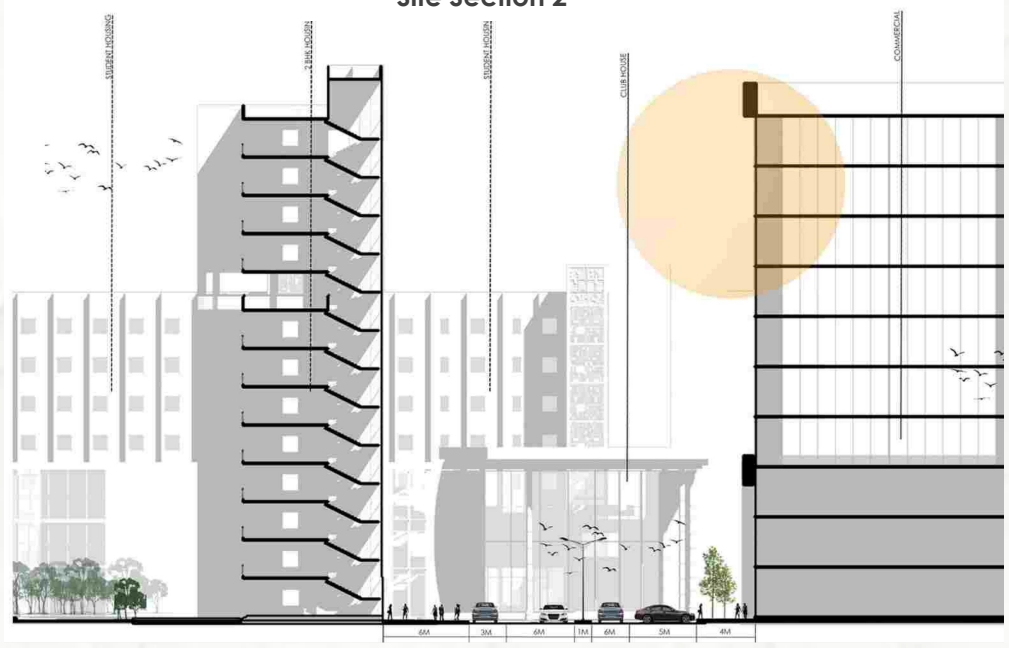
2 BHK Housing Section

2 BHK Housing Section

2 BHK Unit Plan

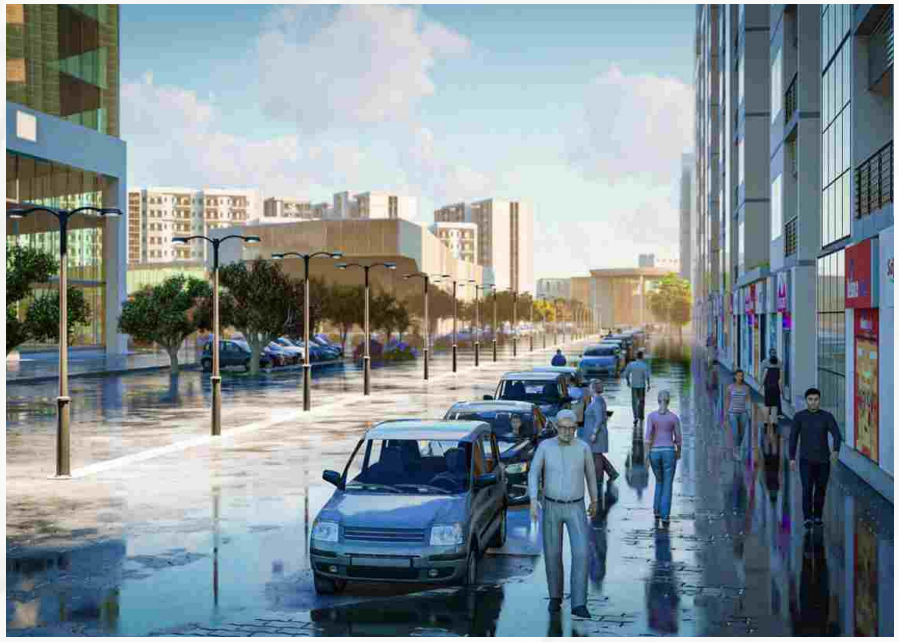
Site Section 1

Site Section 2



Site Section 3

Site Plan
Ground Level



Pedestrian friendly streets with tree lined boulevards

Street Furniture creating community spaces

Dedicated parking lanes

Cultural Centre with triple heighted exhibition space on the ground floor

Open Space between 2BHK and 3BHk buildings

Club House with triple heighted entrance foyer and a splash pool

Student Housing with badminton and basketball court in the centre

View of the **Gazebo** with **Cycling Track** and **Open lawns**

4 100 Bedded DH

Back Bay District Hospital, Marine Drive, Mumbai, Maharashtra

"A hospital is not only a place of cure, but a place of care. Architecture must reflect both." ~Roger Ulrich

100 Bedded District Hospital (DH)

Located along the iconic Marine Drive in Mumbai, the proposed 100-bedded 'Back Bay' District Hospital is envisioned as a modern healthcare facility that blends functionality with contextual sensitivity. Designed to respond to the bustling urban fabric and coastal environment, the hospital features a compact vertical layout, integrating and ample daylighting with resfreshing sea views. The façade employs local materials and design strategies reflecting resilience and care.

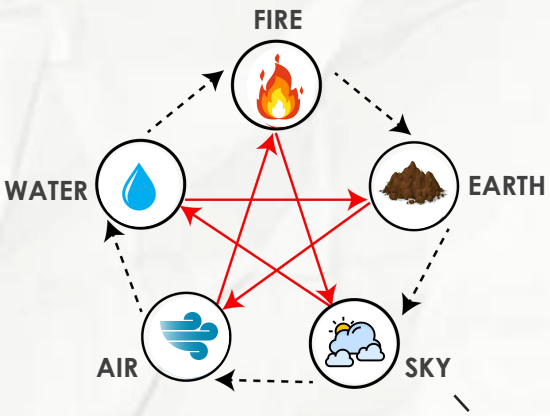
Serving as a vital public health node in the city, the hospital prioritizes accessibility, patient comfort, and operational efficiency, and stands as a symbol of healing amidst Mumbai's dynamic skyline.

Location: Marine Drive, Mumbai

Site Area: 1.2 Hectares (12,000 Sqm.)

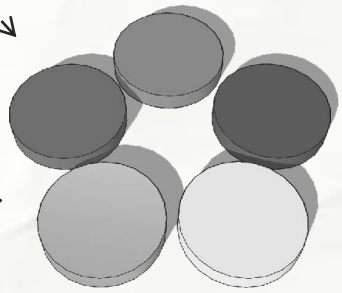
Total Built Up Area: 15,610 Sqm.

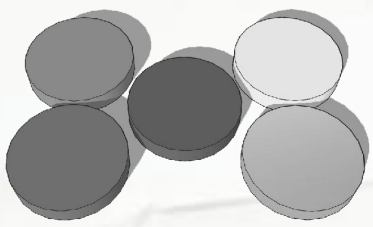
Semester: 6th



AS A HOSPITAL IS CONSIDERED ONE OF THE ESSENTIALS OF LIFE, THUS, THE CONCEPT IS DERIVED FROM THE BASIC OF ANY LIFE ON OUR PLANET, **THE FIVE ELEMENTS OF LIFE.**

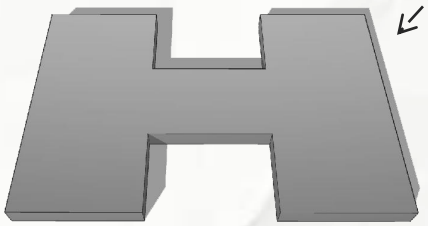
THE FIVE ELEMENTS SERVE AS THE FIVE BASIC UNITS OF THE HOSPITAL: ADMINSTRATIVE, MATERNITY, EMERGENCY, THE OPD, & THE IPD WINGS.





THE WINGS ARE REARRANGED AND ORIENTED, FOR MAXIMUM DAYLIGHT, VIEWS, AND CIRCULATION EFFICIENCY

RECTANGULAR SPACES ARE CREATED TO MAXIMISE AREA EFFICIENCY, EASE IN CIRCULATION, AND SERVICE ACCESS.

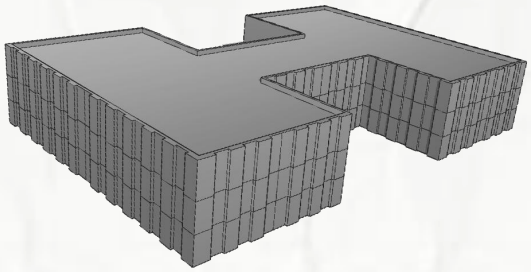


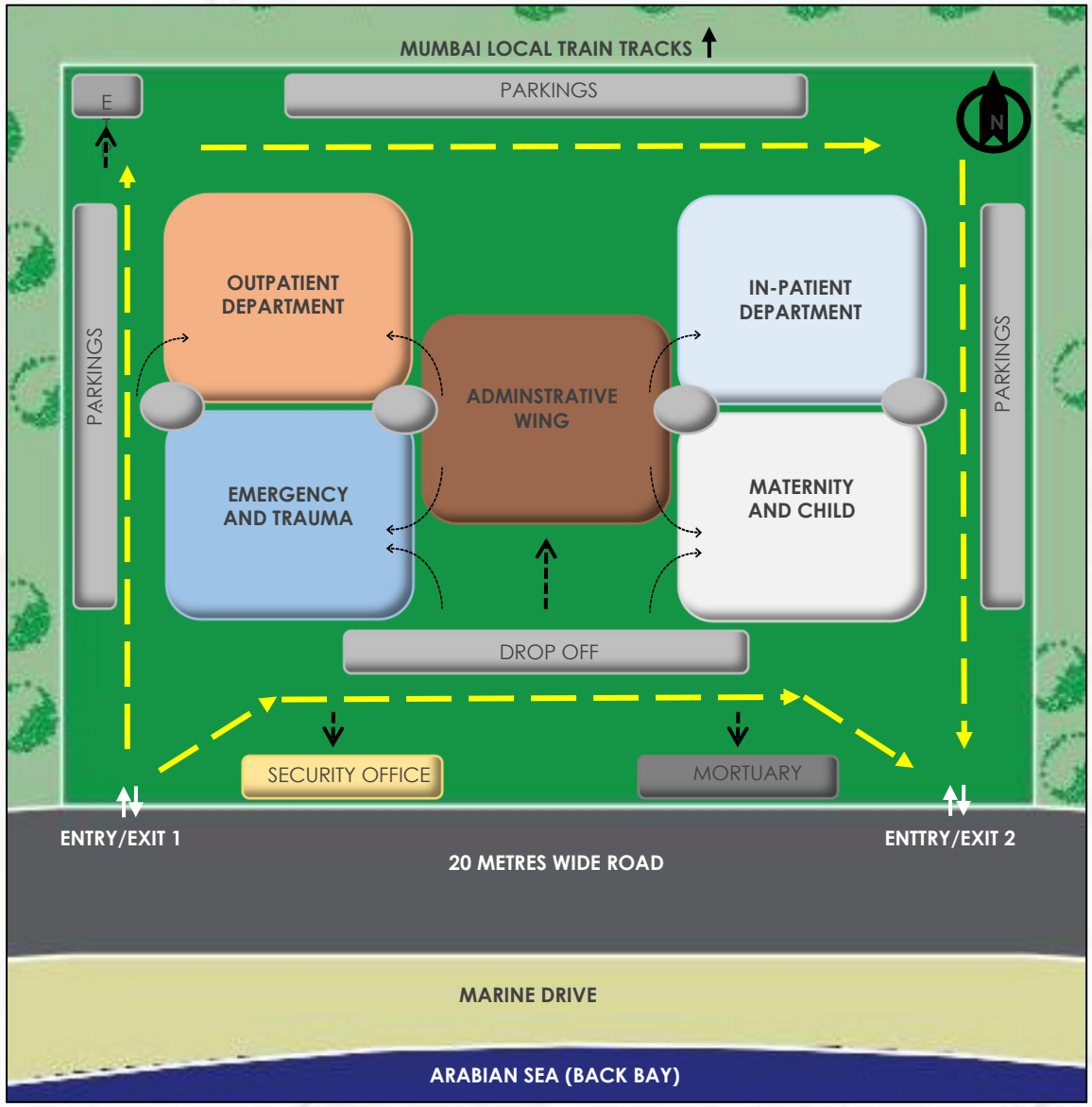
ALL THE WINGS ARE COMBINED IN A SINGULAR UNIFIED MASS, CREATING INTERCONNECTING SPACES

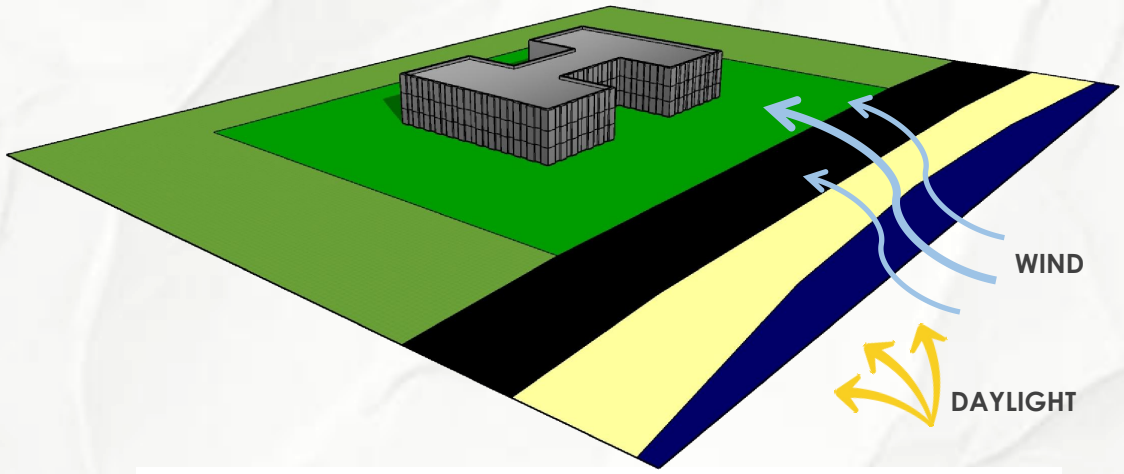
LEVELS ARE CREATED.

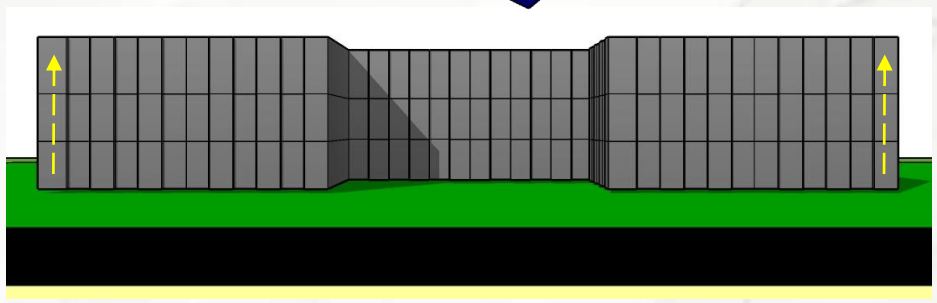
SHADING DEVICES ARE ADDED, FENESTRATION IS DONE.

THIS CREATES THE FINAL FORM OF THE HOSPITAL.

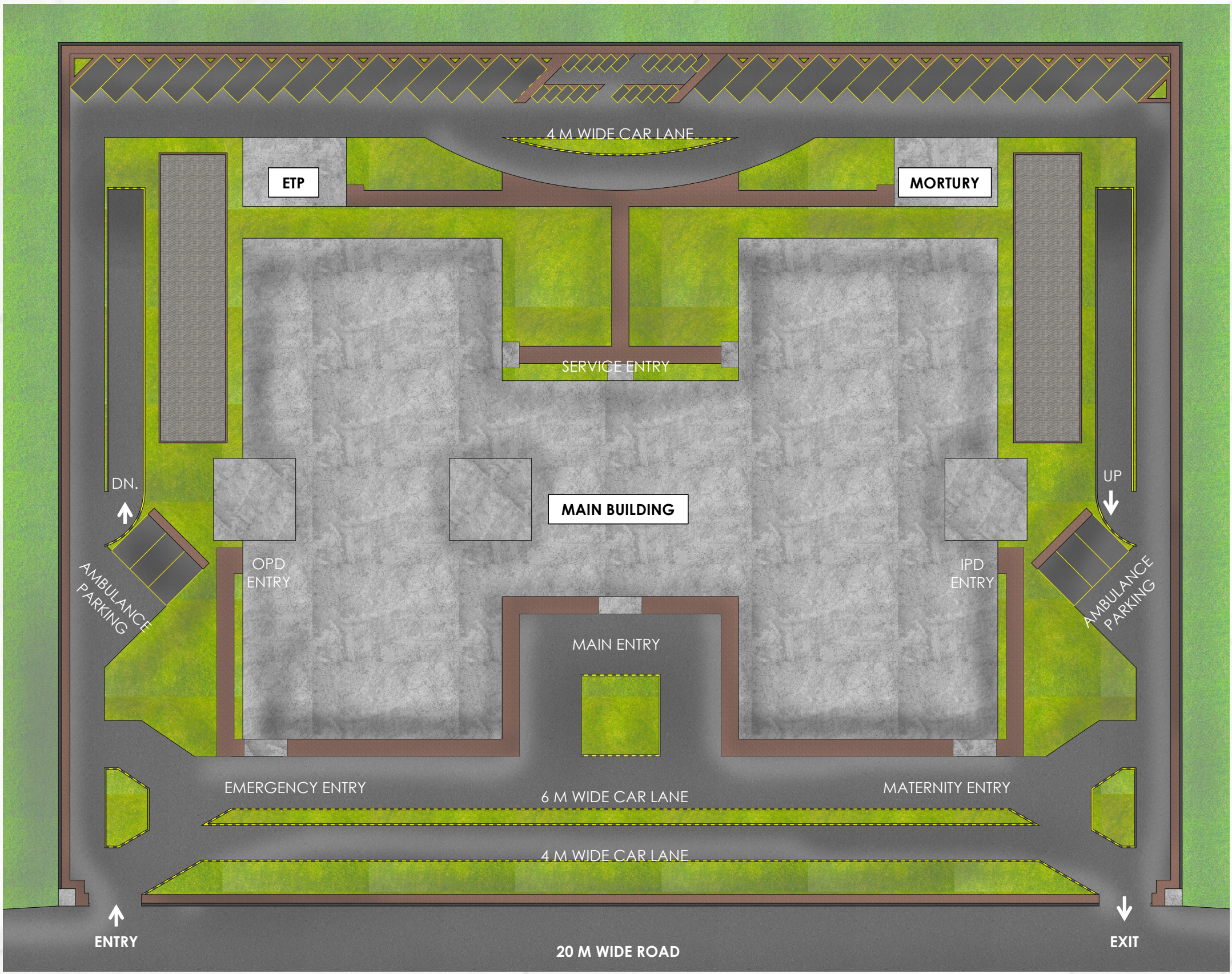








Site Plan



SITE AREA: 12,000 SQ.M.
TOTAL GROUND COVERAGE: 4410 SQ.M. (33%)
TOTAL BUILT UP AREA ACHIEVED: 16,900 SQ.M.
F.A.R. ACHIEVED: 1.3
TOTAL HEIGHT ACHIEVED: 18 M.
SURFACE PARKING: 6 AMBULANCES + 30 CARS + 20 M'BIKES.
BASEMENT AREA: 7200 SQ.M.

TOTAL GROUND FLOOR BEDS: 51
EMERGENCY: 20
LDR: 8
DIALYSIS: 4
GENERAL WARDS: 16
ISOLATION: 3

NUMBER OF EMERGENCY BEDS: 20
TRIAGE AREA: 6
RED ZONE: 6
YELLOW ZONE: 8

GROUND FLOOR FACILITIES:

-TRIAGE AREA
-RED AREA
-YELLOW AREA
-GREEN AREA
-BLACK AREA
-CONSULTATION ROOMS
-PROCEDURE ROOMS
-IPD PHARMACY
-ADMIN OFFICES
-STORAGE AREA
-SERVER AREA
-HOUSEKEEPING AREA
-GENERAL WARDS
-ISOLATION WARDS
-DIALYSIS WARDS
-LDR AREA
-EXAMINATION AREA
-NURSERY
-STILLBIRTH AREA
-NURSE STATIONS

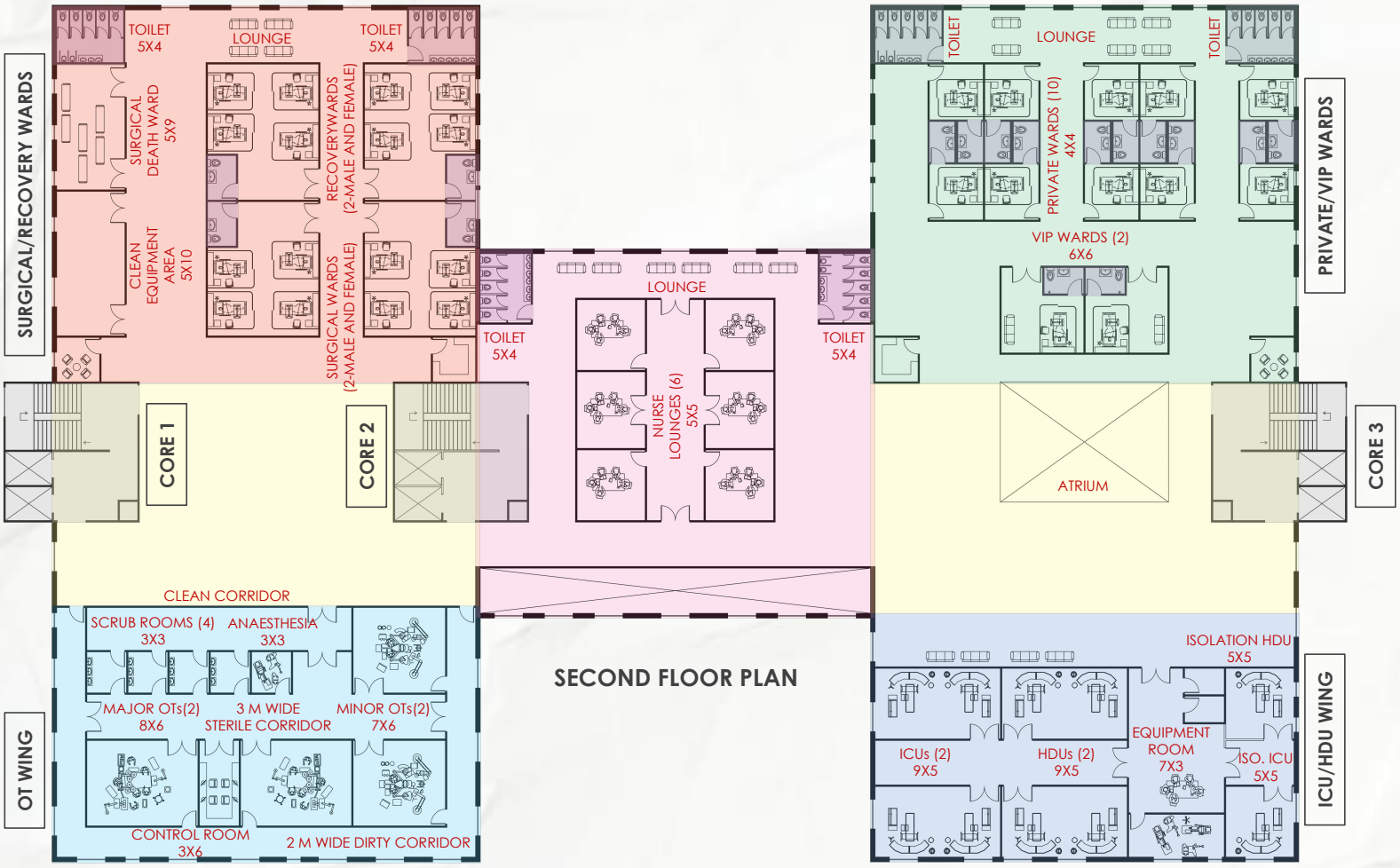
GROUND FLOOR PLAN

TOTAL FIRST FLOOR BEDS: 30
GYNAECOLOGY AND OBY: 6
PICU: 4
SEMI PRIVATE WARDS: 20

FIRST FLOOR FACILITIES:

-GAYNAECOLOGY WARD
-NEONATAL INTENSIVE CARE UNIT
-PAEDIATRIC INTENSIVE CARE UNIT
-SEMI PRIVATE WARDS
-DISASTER WARDS
-DOCTORS'S OFFICES
-DOCTOR'S LOUNGE
-RADIOLOGY LABS
-PATHOLOGY LABS

FIRST FLOOR PLAN



TOTAL SECOND FLOOR BEDS: 38

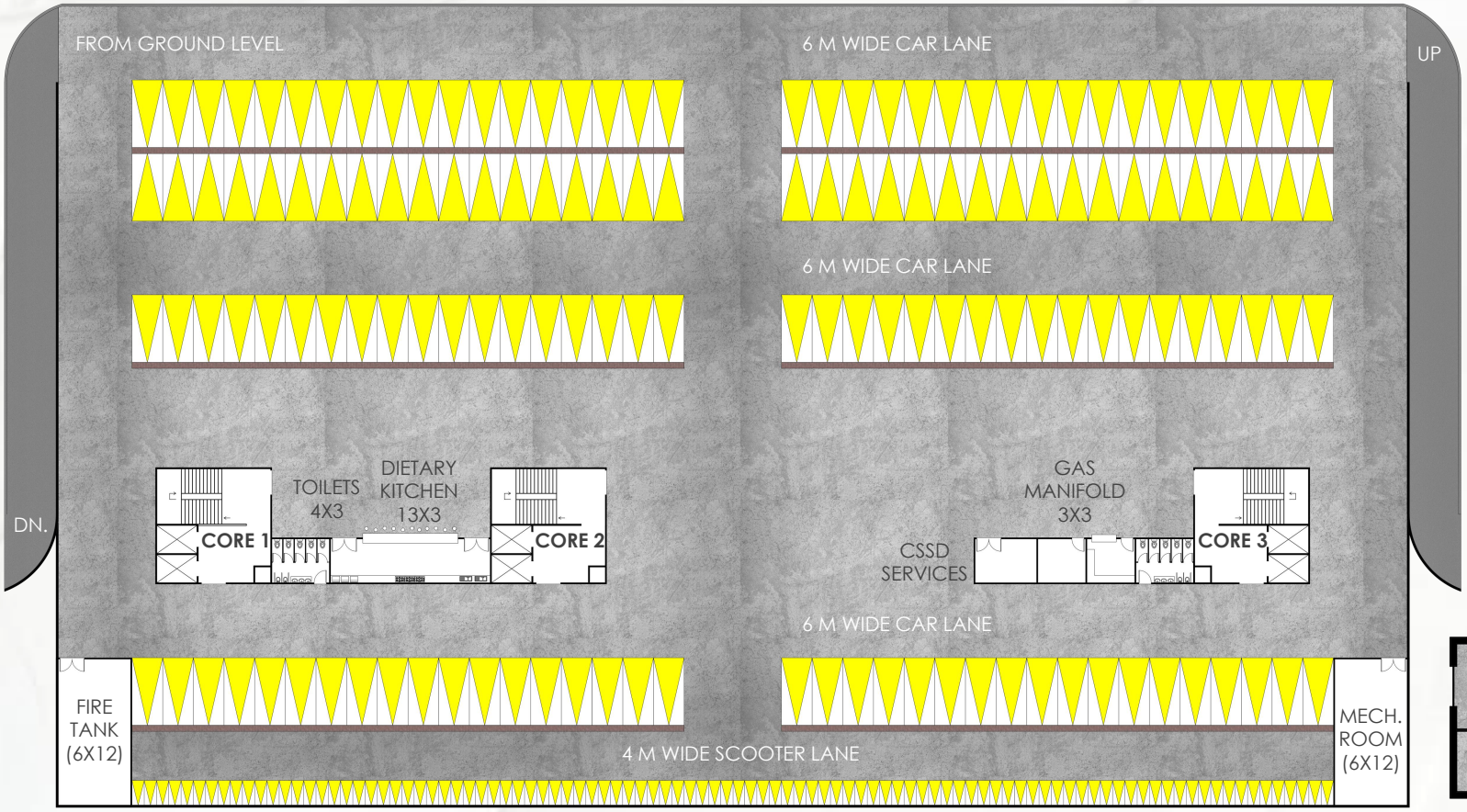
ICU: 4
ISOLATION ICU: 1
HDU: 4
ISOLATION HDU: 1
MALE SURGICAL WARD: 4
MALE RECOVERY WARD: 4
FEMALE SURGICAL WARD: 4
FEMALE RECOVERY WARD: 4
VIP WARDS: 2

SECOND FLOOR FACILITIES:

-INTENSIVE CARE UNIT
-ISOLATION INTENSIVE CARE UNIT
-HIGH DEPENDENCY UNIT
-ISOLATION HIGH DEPENDENCY UNIT
-MAJOR OPERATION THEATRES
-MINOR OPERATION THEATRES
-PRIVATE WARDS
-VIP WARDS
-MALE SURGICAL WARD
-MALE RECOVERY WARD
-FEMALE SURGICAL WARD
-FEMALE RECOVERY WARD
-CLEAN EQUIPMWNT AREA
-SURGICAL DEATH WARD
-NURSES LOUNGE

THIRD FLOOR FACILITIES:

-VISITOR'S LOUNGE
-DAYCARE AND CHILDREN AREA
-FEMALE PRAYER AREA
-MALE PRAYER AREA
-LIBRARY AND ARCHIVES
-READING ROOMS
-ELDER CARE AND HOSPICE
-CONFERENCE ROOMS
-MEETING ROOMS
-KITCHEN AND CAFETERIA
-VIP GUEST ROOMS
-STANDARD GUEST ROOMS



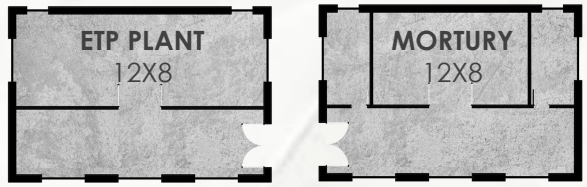
-TOTAL BASEMENT AREA: 7200 SQ.M.

-SIZE OF SINGLE CAR PARK: 2.5X5.5
-NO. OF SINGLE CAR PARK: 144

-SIZE OF SINGLE SCOOTER PARKING: 1.2X2

FACILITIES PROVIDED IN THE BASEMENT:

-DIETARY KITCHEN
-PHARMACY
-GAS MANIFOLD
-CSSD SERVICES
-FIRE TANK
-MECHANICAL ROOM



S.NO	DEPARTMENT	BEDS	AREA (sqm)
A	OUT PATIENT DEPARTMENT		2100
B	EMERGENCY DEPARTMENT	20 beds	1140
C	RADIOLOGY DEPARTMENT		650
D	PATHLOGY DEPARTMENT		450
E	OPERATION THEATRES		750
F	INERMEDIATE CARE AREA (WARDS)	83 beds	1900
G	INTENSIVE CARE UNITS	12 beds	530
H	PHARMACIES		100
I	BLOOD BANK/STORAGE		380
J	MATERNITY WING	10 beds	750
K	LABOUR - DELIVERY - RECOVERY UNIT		110
L	NON CLINICAL SERVICES		1500
M	MEP SERVICES		750
N	ADMINSTRATION DEPARTMENT		900
BUILT UP AREA			**12,010**
ADDING 25% CIRCULATION			**3,600**
TOTAL BUILT UP AREA			**15,610**

BACK BAY DISTRICT HOSPITAL
BACK BAY DISTRICT HOSPITAL

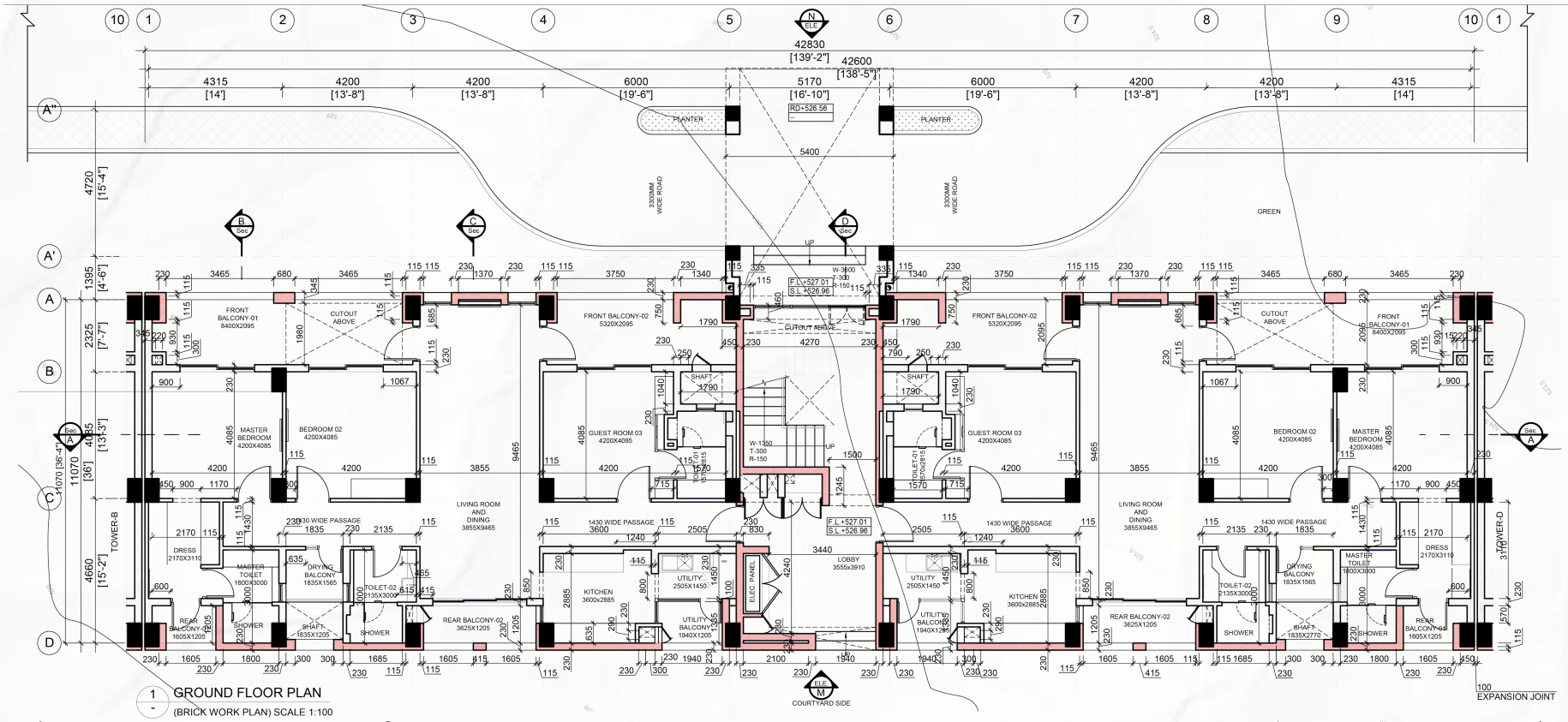
BACK BAY DISTRICT HOSPITAL
BACK BAY DISTRICT HOSPITAL

BACK BAY DISTRICT HOSPITAL
BACK BAY DISTRICT HOSPITAL

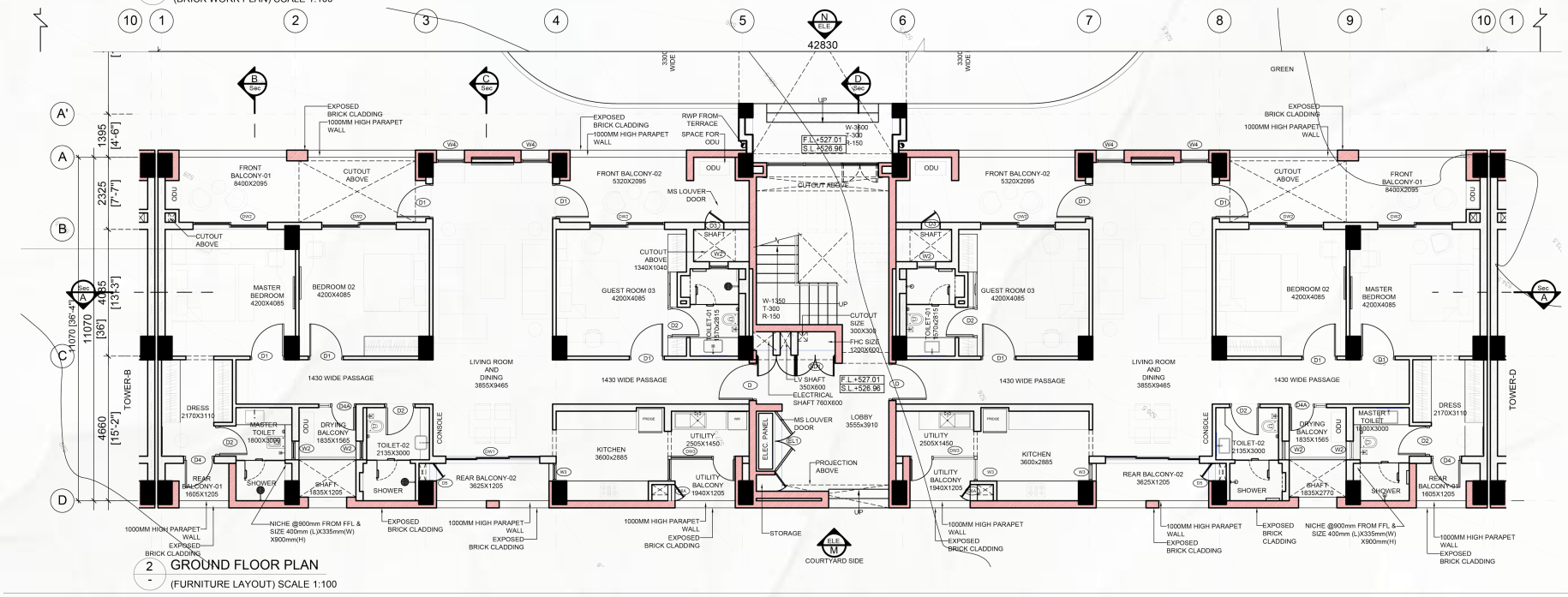
5 Working Drawings

Plans | Sections | Details | Door & Window Schedule | Staircase | Lighting & Looping

Housing Township Residential Building - Typical Floor Plan



1 - GROUND FLOOR PLAN
(BRICK WORK PLAN) SCALE 1:100



2 - GROUND FLOOR PLAN
(FURNITURE LAYOUT) SCALE 1:100

NOTES

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE ±0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

DOORS WINDOW OPENING SCHEDULE

TAG	WIDTH	SILL LVL.	LINTEL LVL.	DESCRIPTION
DOOR SCHEDULE				
D	1200	–	2400	MAIN DOOR
D1	1125	–	2400	BEDROOMS
D2	975	–	2400	TOILET
D3	750	–	2400	SHAFT
D4	1200	–	2400	REAR BALCONY
D5	1000	75	2225	MUMTY
D6	570	75	2400	SHAFT
SD1	2540	75	2400	EL .LV . FHC
EL1	1935	75	2400	ELECTRICAL PANEL AREA
WINDOW SCHEDULE				
W1	2400	–	2400	BEDROOM
W2	600	1200	2400	TOILET
W3	570	–	2400	KITCHEN
W4	900	600	2400	LIVING/DINING ROOM
W5	1000	–	2400	LIVING/DINING ROOM
W6	900	–	2400	STAIRCASE
DOOR CUM WINDOW SCHEDULE				BEDROOM
DW1	3025	–	2400	LIVING/DINING ROOM
DW2	2400	–	2400	BEDROOM
DW3	2170+800	–	2400	STORE ROOM
DW4	1200	–	2400	DRYING BALCONY
GLAZING DOOR SCHEDULE				
SGL1	3600	–	6400	

F.F.L. = FINISH FLOOR LEVEL
B.O.B. = BOTTOM OF BEAM
B.O.C. = BOTTOM OF CILL
T.O.S. = TOP OF SLAB LEVEL

GOOD FOR CONSTRUCTION

Nos.	Date	Descriptions	issued to
R1	23/08/2024	Revised as per interior drawings	site

PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM
HVAC CONSULTANT: WAC Engineers INDIA PVT. LTD.
STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES
PLUMBING CONSULTANT: WAC Engineers INDIA PVT. LTD.

CONSULTANT
ARCHOHM
c-28c, sector-8
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

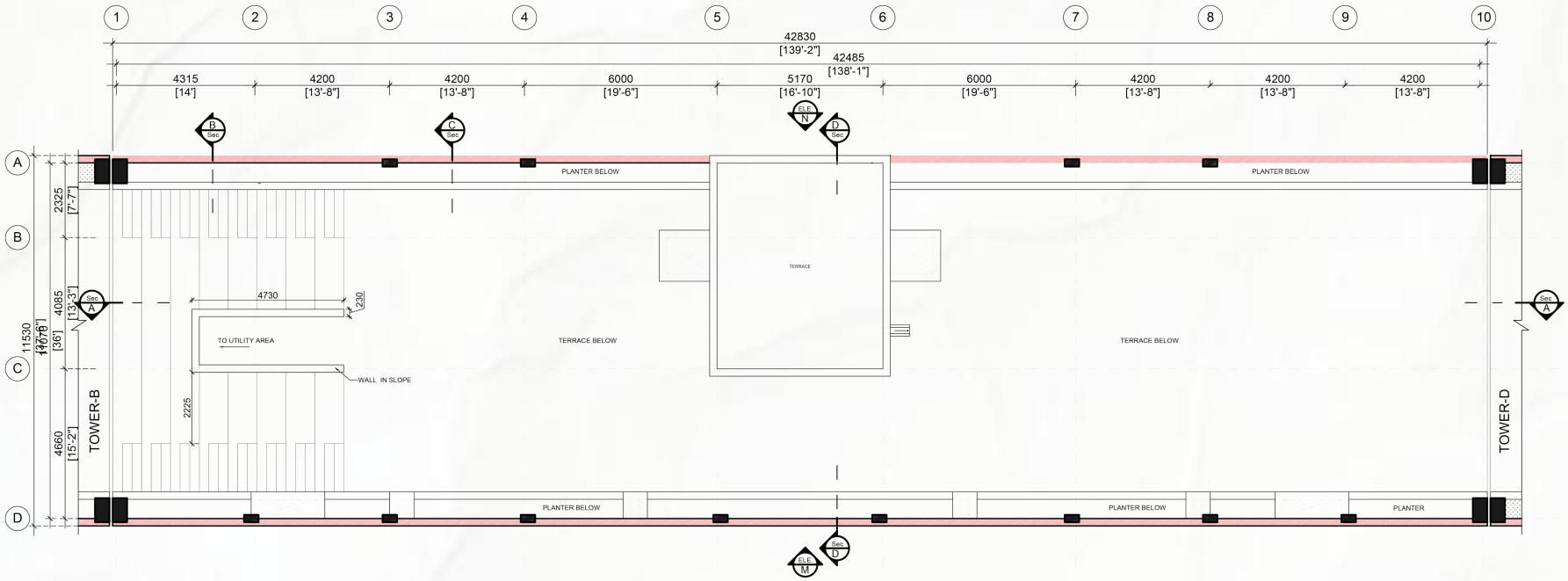
DRAWING TITLE
TOWER-C (3BHK UNIT)
GROUND FLOOR PLAN

DRG.No. A-222310-3BHK-TW-C-01-01

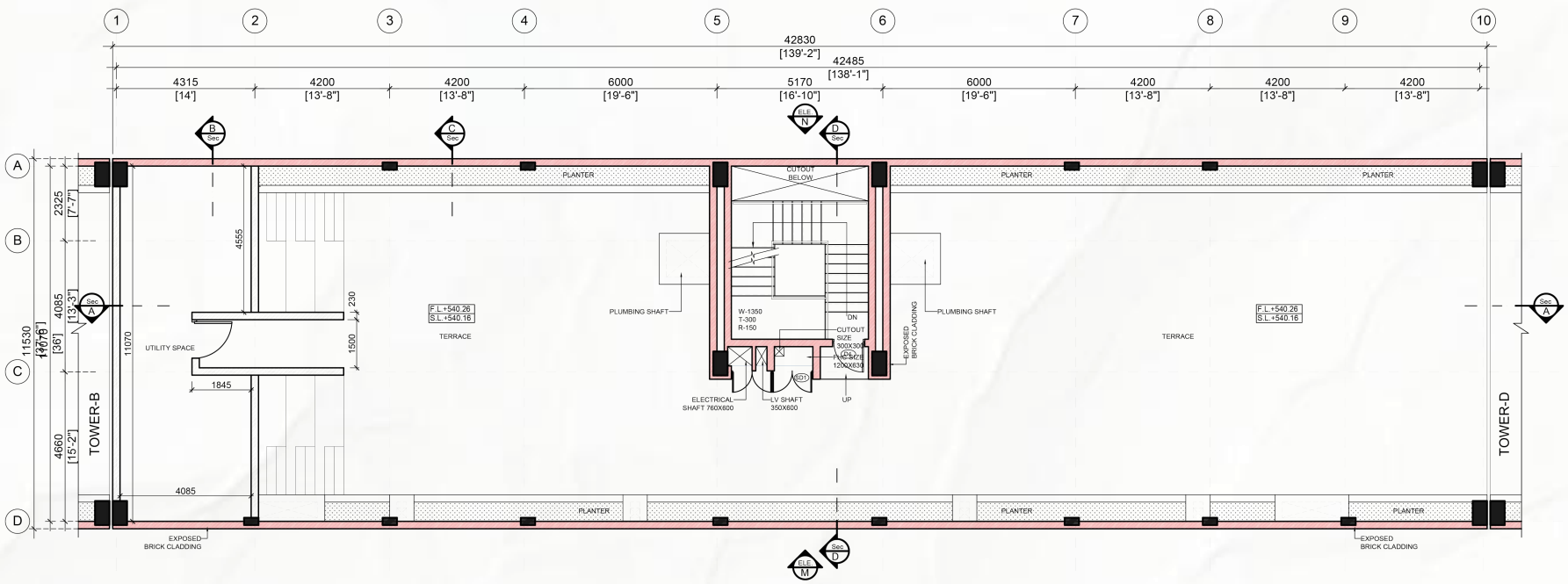
WORKING DRAWING

DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G
DATE	SCALE	PROJECT NO.
21.02.2024	1:100@A2	AO-222310

R1



1 TERRACE ROOF PLAN
SCALE 1:100



1 TERRACE FLOOR PLAN
SCALE 1:100

NOTES

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

DOORS WINDOW OPENING SCHEDULE

TAG	WIDTH	SILL LVL.	LINTEL LVL.	DESCRIPTION
DOOR SCHEDULE				
D	1200	--	2400	MAIN DOOR
D1	1125	--	2400	BEDROOMS
D2	975	--	2400	TOILET
D3	750	--	2400	SHAFT
D4	1200	--	2400	REAR BALCONY
D5	1000	75	2225	MUMTY
D6	570	75	2400	SHAFT
SD1	2540	75	2400	EL. LV .FHC
EL1	1935	75	2400	ELECTRICAL PANEL AREA
WINDOW SCHEDULE				
W1	2400	--	2400	BEDROOM
W2	600	1200	2400	TOILET
W3	570	--	2400	KITCHEN
W4	900	600	2400	LIVING/DINING ROOM
W5	1000	--	2400	LIVING/DINING ROOM
W6	900	--	2400	STAIRCASE
DOOR CUM WINDOW SCHEDULE				BEDROOM
DW1	3025	--	2400	LIVING/DINING ROOM
DW2	2400	--	2400	BEDROOM
DW3	2170+800	--	2400	STORE ROOM
DW4	1200	--	2400	DRYING BALCONY
GLAZING DOOR SCHEDULE				
SGL1	3600	--	6400	

F.F.L. = FINISH FLOOR LEVEL
B.O.B. = BOTTOM OF BEAM
B.O.C. = BOTTOM OF CILL
T.O.S. = TOP OF SLAB LEVEL

GOOD FOR CONSTRUCTION

Nos.	Date	Descriptions	issued to
R1	17/08/2024	Revised as per interior drawings	site

PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM
HVAC CONSULTANT: WAC Engineers INDIA PVT. LTD.
STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES
PLUMBING CONSULTANT: WAC Engineers INDIA PVT. LTD.

CONSULTANT: ARCHOHM
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 40 768
mail@archohm.com
www.archohm.com

DRAWING TITLE
TOWER-C (3BHK UNIT)
TERRACE FLOOR PLAN

DRG.No. A-222310-3BHK-TW-C-01-05
WORKING DRAWING

DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G
DATE	SCALE	PROJECT NO.
21.02.2024	1:100@A2	AO-222310

R1

Housing Township Residential Building - Terrace Plans

1 - SECTION AA'
SCALE 1:100

F.F.L. = FINISH FLOOR LEVEL
T.O.S. = TOP OF SLAB LEVEL
B.O.B. = BOTTOM OF BEAM
B.O.C. = BOTTOM OF CILL

EXISTING CONTOUR
PROPOSED ROAD LEVEL

GOOD FOR CONSTRUCTION

Nos.	Date	Descriptions	issued to
R1	21/08/2024	Revised as per interior drawings	site

PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM

HVAC CONSULTANT: WAC Engineers (INDIA PVT. LTD.) MEP Consultants & Project Managers, B-76 Sector-6, Noida UP-201301, Ph. 0120-4304600, E-mail: wac@wacmep.com

STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES, CONSULTING ENGINEERS AND PROJECT MANAGERS

PLUMBING CONSULTANT: WAC Engineers (INDIA PVT. LTD.) MEP Consultants & Project Managers, B-76 Sector-6, Noida UP-201301, Ph. 0120-4304600, E-mail: wac@wacmep.com

CONSULTANT: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

DRAWING TITLE
3 BHK TOWER-C
SECTION AA'

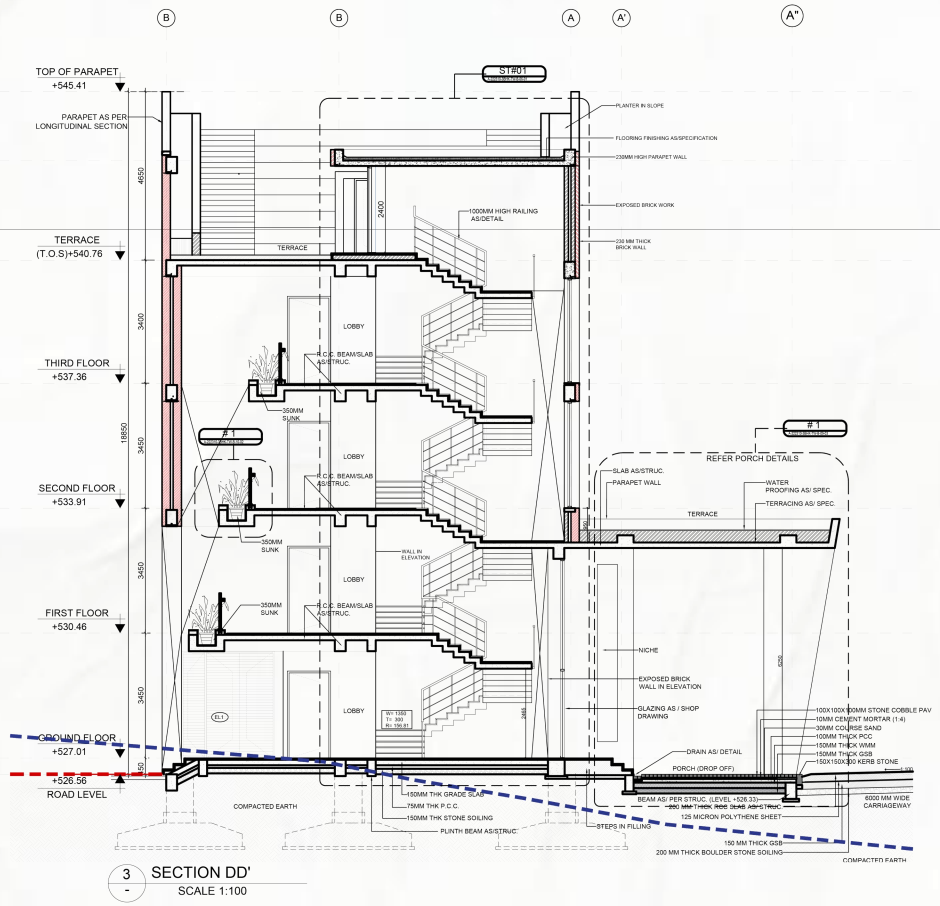
DRG.No. A-222310-3BHK-TW-C-03-01

WORKING DRAWING

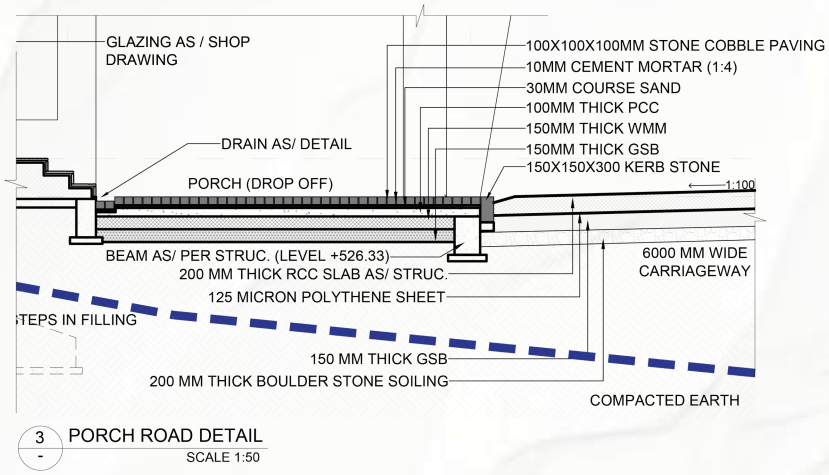
DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G

DATE	SCALE	PROJECT NO.
14-08-2024	1:100@A2	AO-222310

R1



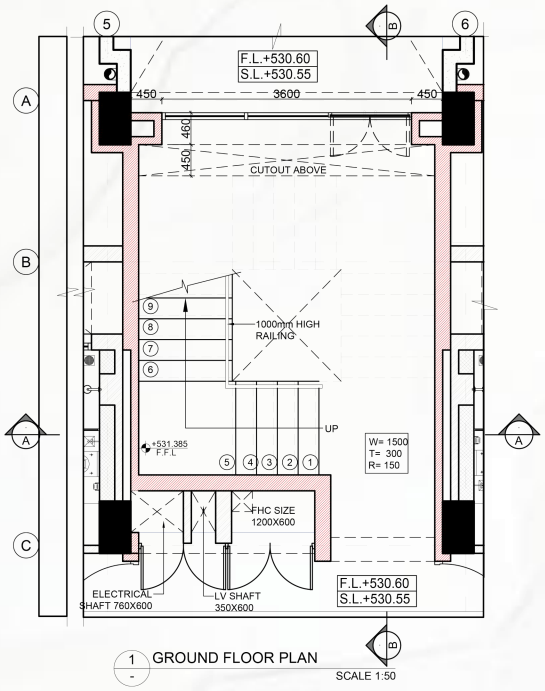
3 - SECTION DD'
SCALE 1:100



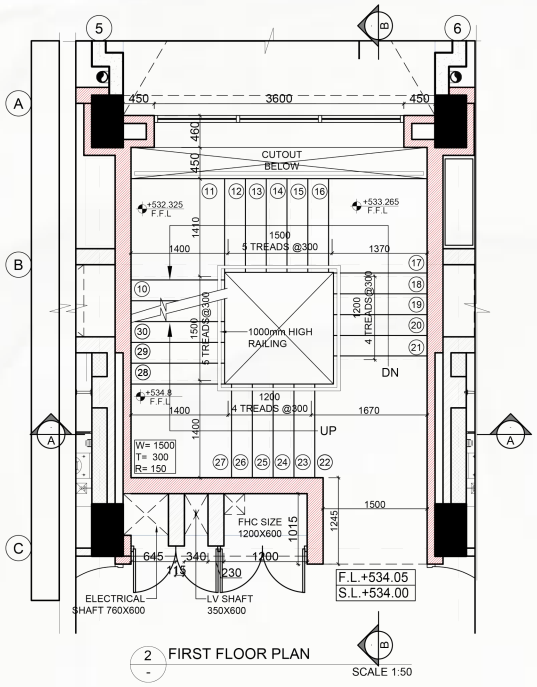
3 - PORCH ROAD DETAIL
SCALE 1:50

Housing Township Residential Building - Sections

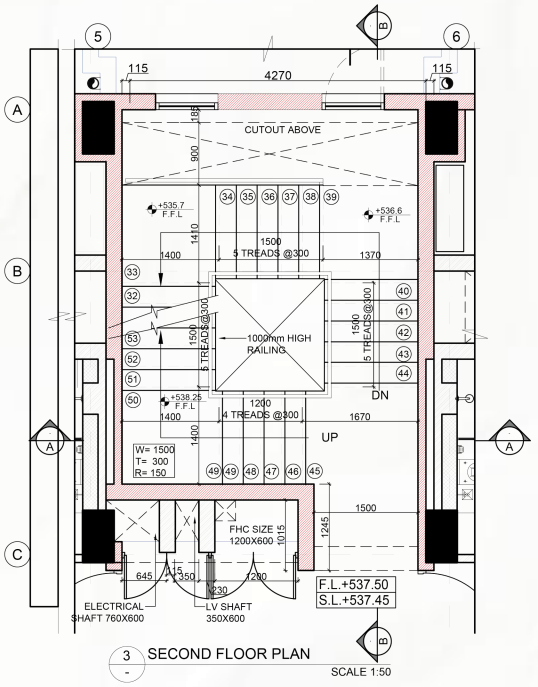
Staircase Details - Plans



1 - GROUND FLOOR PLAN
SCALE 1:50



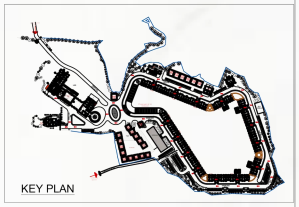
2 - FIRST FLOOR PLAN
SCALE 1:50

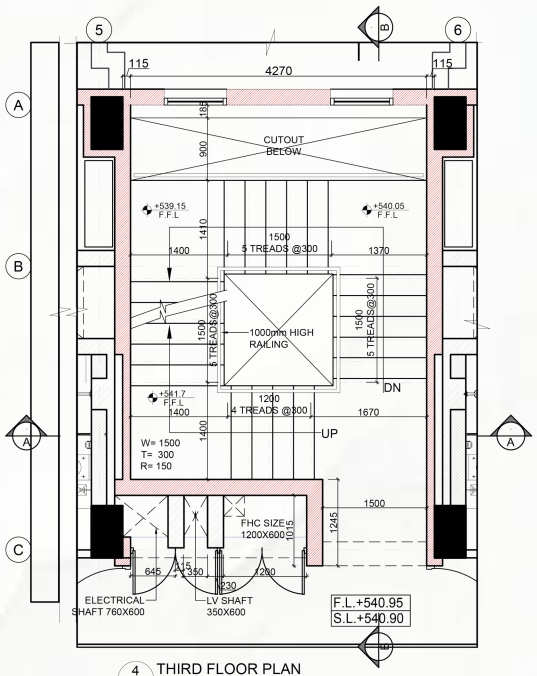


3 - SECOND FLOOR PLAN
SCALE 1:50

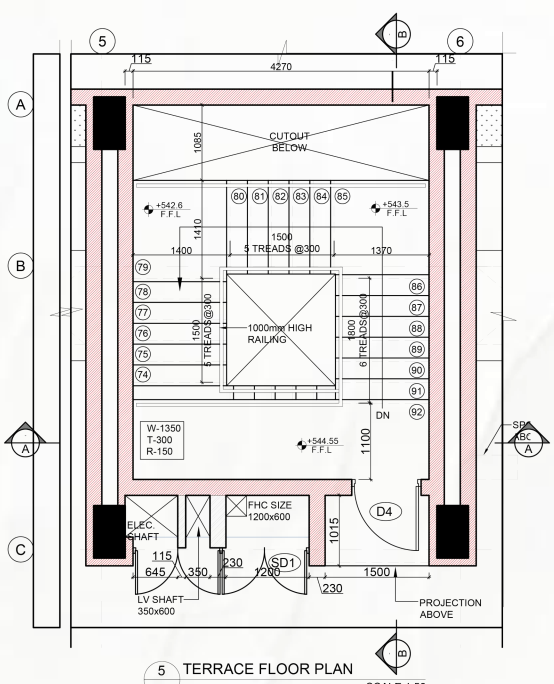
NOTES

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE 4.5 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

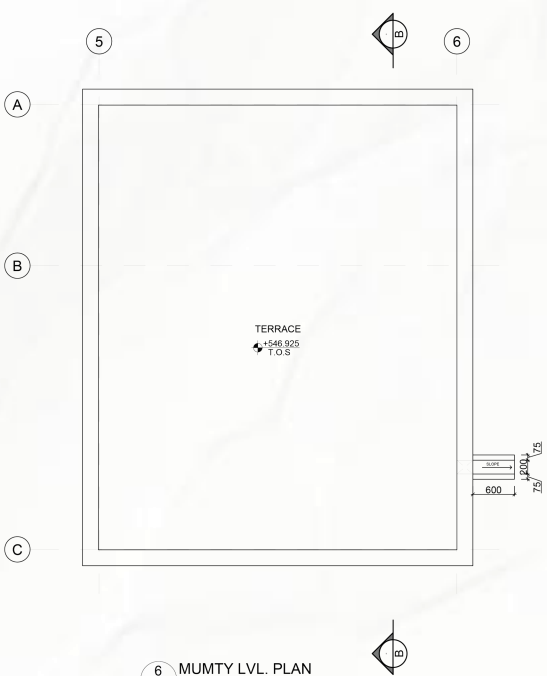




4 - THIRD FLOOR PLAN
SCALE 1:50



5 - TERRACE FLOOR PLAN
SCALE 1:50



6 - MUMTY LVL. PLAN
SCALE 1:50

PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS

HVAC CONSULTANT: WAC Engineers INDIA PVT LTD. MEP Consultants & Project Managers B-76,Sector-6, Noida,UP-201301 Ph. : 0120-4004693, E-mail: vac@vacmep.com

STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES CIVIL & STRUCTURAL ENGINEERS AND PROJECT MANAGERS

PLUMBING CONSULTANT: WAC Engineers INDIA PVT LTD. MEP Consultants & Project Managers B-76,Sector-6, Noida,UP-201301 Ph. : 0120-4004693, E-mail: vac@vacmep.com

CONSULTANT: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 798
mail@archohm.com
www.archohm.com

DRAWING TITLE
3 BHK UNIT PLAN
STAIRCASE DETAIL

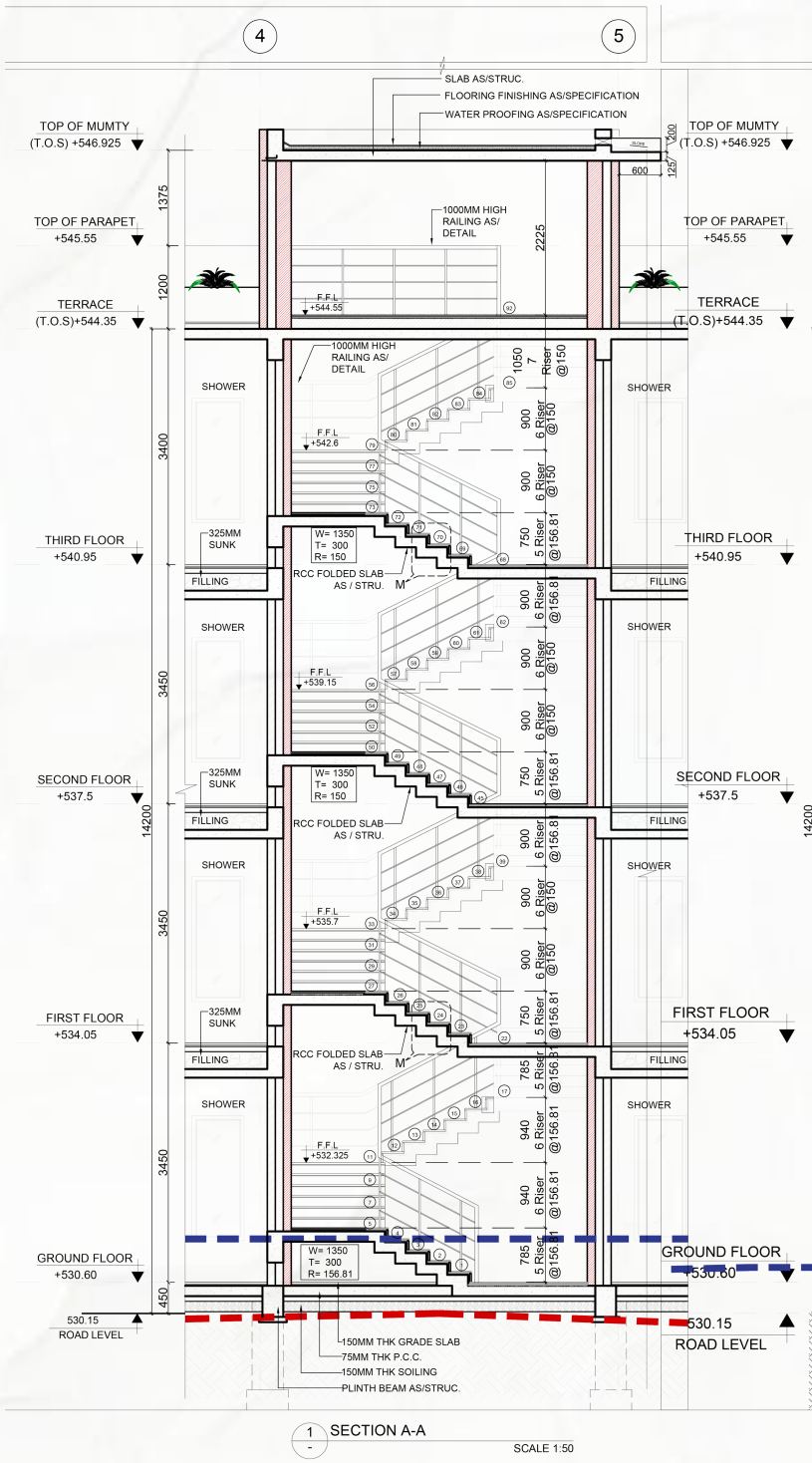
DRG.No. A-222310-3BHK-TW-A-06-01

WORKING DRAWING

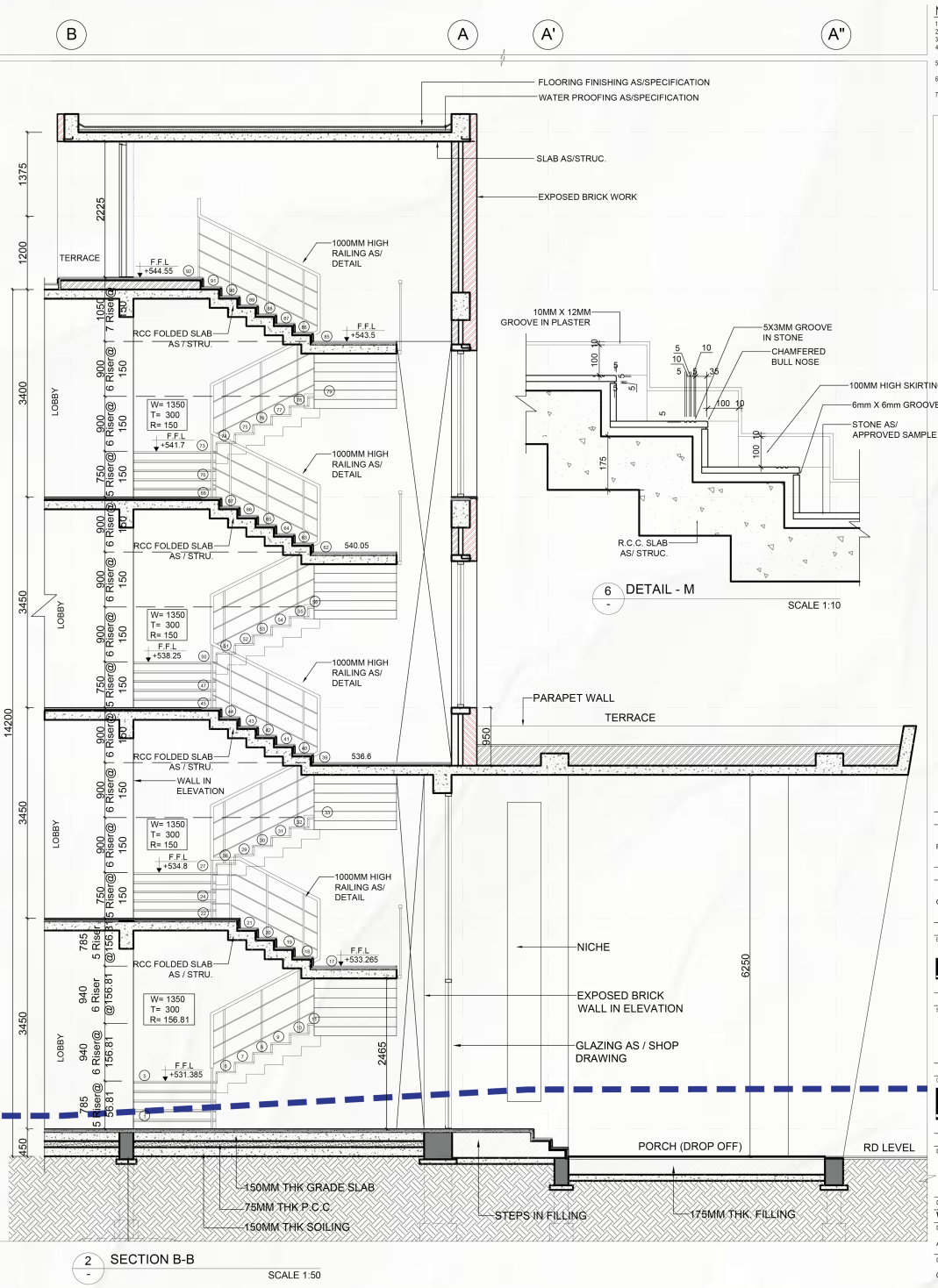
DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G
DATE	SCALE	PROJECT NO.
04.11.2024	1:100@A2	AO-222310

R0

Staircase Details - Sections



1 - SECTION A-A
SCALE 1:50



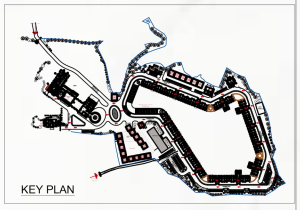
2 - SECTION B-B
SCALE 1:50

10MM X 12MM GROOVE IN PLASTER
5X3MM GROOVE IN STONE
CHAMFERED BULL NOSE
100MM HIGH SKIRTING
6mm X 6mm GROOVE
STONE AS/ APPROVED SAMPLE
R.C.C. SLAB AS/ STRUC.

6 - DETAIL - M
SCALE 1:10

NOTES

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.



PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM
HVAC CONSULTANT: WAC Engineers INDIA PVT. LTD.
STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES
PLUMBING CONSULTANT: WAC Engineers INDIA PVT. LTD.
CONSULTANT: ARCHOHM

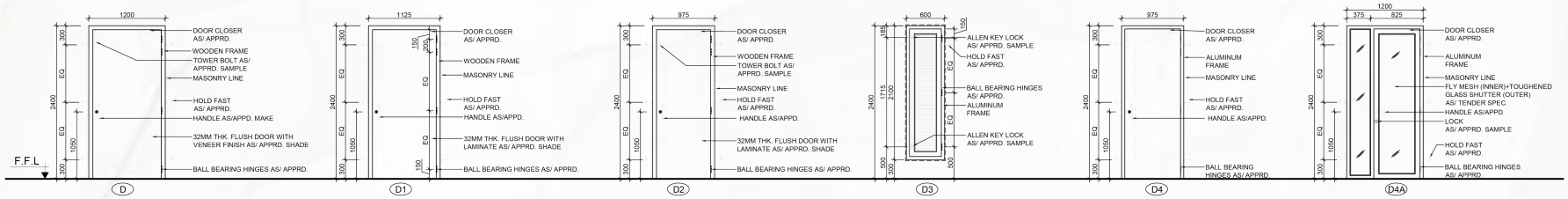
DRAWING TITLE
3 BHK UNIT PLAN
STAIRCASE SECTIONS

DRG.No. A-222310-3BHK-TW-A-06-01A
WORKING DRAWING

DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G
DATE	SCALE	PROJECT NO.
04.11.2024	1:100@A2	AO-222310

R0

Door & Window Schedule



D ELEVATION
SIZE - (1200X2400)
LOCATION - PASSAGE
DOOR TYPE - FLUSH DOOR VENEER ON BOTH SIDE

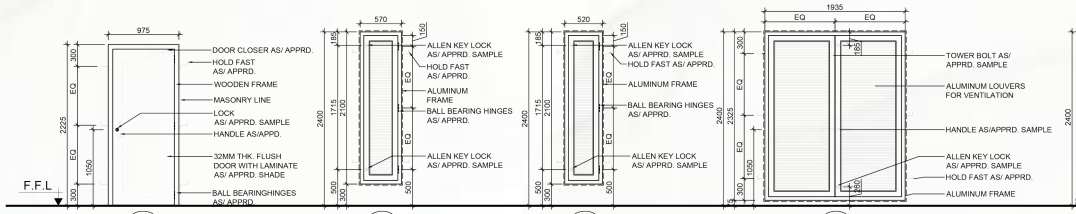
D1 ELEVATION
SIZE - (1125X2400)
LOCATION - BEDROOMS / LIVING & DINING ROOM
DOOR TYPE - FLUSH DOOR LAMINATE ON BOTH SIDE

D2 ELEVATION
SIZE - (975X2400)
LOCATION - TOILET
DOOR TYPE - FLUSH DOOR LAMINATE ON BOTH SIDE

D3 ELEVATION
SIZE - (600X2100)
LOCATION - SHAFT
DOOR TYPE - ALUMINUM DOOR

D4 ELEVATION
SIZE - (975X2400)
LOCATION - REAR BALCONY
DOOR TYPE - ALUMINIUM DOOR

D4 ELEVATION
SIZE - (1200X2400)
LOCATION - DRYING BALCONY
DOOR TYPE - ALUMINIUM DOOR



D5 ELEVATION
SIZE - (1000X2225)
LOCATION - MUMTY
DOOR TYPE - FLUSH DOOR LAMINATE ON BOTH SIDE

D6 ELEVATION
SIZE - (570X2100)
LOCATION - SHAFT
DOOR TYPE - ALUMINUM DOOR

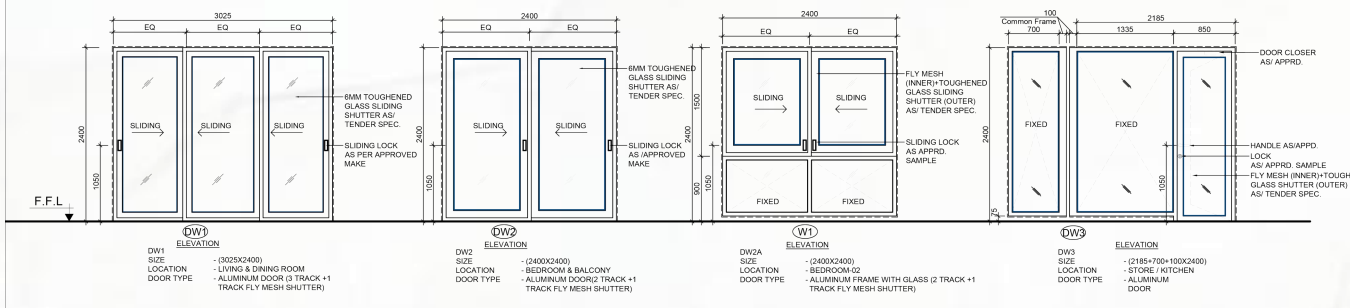
D6a ELEVATION
SIZE - (520X2100)
LOCATION - SHAFT
DOOR TYPE - ALUMINUM DOOR

EL1 ELEVATION
SIZE - (1935X2400)
LOCATION - ELECTRICAL SHAFT
DOOR TYPE - ALUMINUM DOOR

SD1 ELEVATION
SIZE - (2540X2400)
LOCATION - EL.LV.FHC
DOOR TYPE - ALUMINUM DOOR

NOTE:-
1. GLAZING FRAME TO BE MATT FINISH AS/ APPROVED. RAL SHADE.
2. HARDWARE TO BE APPROVED BY ARCHITECT BEFORE SITE EXECUTION.
3. TOUGHENED GLASS TO BE AS/ TENDER SPEC.
4. ALL INTERNAL DOORS TO HAVE WOODEN FRAME POLISHED AS/ APPROVED SHADE.
5. ALL INTERNAL DOORS TO BE FLUSH DOORS WITH BOTH SIDE LAMINATE AS/APPROVED SAMPLE.
6. SHAFT DOOR TO BE ALUMINUM FRAME WITH ALUMINUM LOUVERS FINISHED AS/ APPROVED RAL SHADE.
4. ALL WINDOW TO HAVE ALUMINUM FRAMES FINISHED AS/ APPROVED RAL SHADE
5. ALL EXTERNAL OPEN ABLE WINDOWS & DOORS TO BE PROVIDED WITH FLY MESH AS/ APPROVED SAMPLE.
6. ALL TOILET WINDOWS TO HAVE FROSTED GLASS.
7. ALL HEIGHTS SHALL BE FROM THE FINISH FLOOR LEVEL.
8. ALUMINUM WINDOWS, ALUMINUM DOORS OPEN ABLE & SLIDING DOORS, GLAZING SECTION SHOP DRAWING TO BE SUBMITTED BY CONTRACTOR FOR ARCHITECT APPROVAL BEFORE EXECUTION OF WORK

NOTE:-
- INTERNAL DOOR LAMINATE: 21009-GREY STONE MERINO LAMINATE

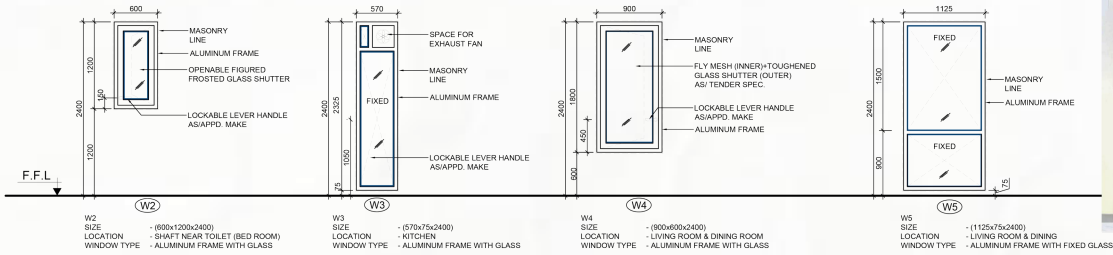


DW1 ELEVATION
SIZE - (3025X2400)
LOCATION - LIVING & DINING ROOM
DOOR TYPE - ALUMINUM DOOR (3 TRACK +1 TRACK FLY MESH SHUTTER)

DW2 ELEVATION
SIZE - (2400X2400)
LOCATION - BEDROOM & BALCONY
DOOR TYPE - ALUMINUM DOOR(2 TRACK +1 TRACK FLY MESH SHUTTER)

DW2A ELEVATION
SIZE - (2400X2400)
LOCATION - BEDROOM-02
DOOR TYPE - ALUMINUM FRAME WITH GLASS (2 TRACK +1 TRACK FLY MESH SHUTTER)

DW3 ELEVATION
SIZE - (2185+700+100X2400)
LOCATION - STORE / KITCHEN
DOOR TYPE - ALUMINUM DOOR



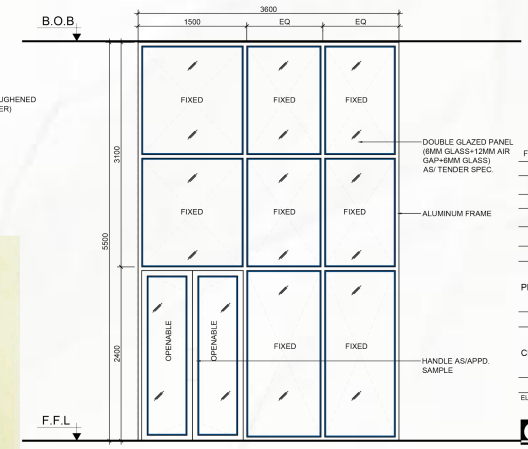
W2 SIZE - (600x1200x2400)
LOCATION - SHAFT NEAR TOILET (BED ROOM)
WINDOW TYPE - ALUMINUM FRAME WITH GLASS

W3 SIZE - (570x75x2400)
LOCATION - KITCHEN
WINDOW TYPE - ALUMINUM FRAME WITH GLASS

W4 SIZE - (900x600x2400)
LOCATION - LIVING ROOM & DINING ROOM
WINDOW TYPE - ALUMINUM FRAME WITH GLASS

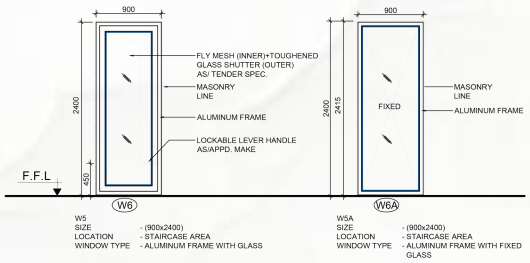
W5 SIZE - (1125x75x2400)
LOCATION - LIVING ROOM & DINING
WINDOW TYPE - ALUMINUM FRAME WITH FIXED GLASS

REFERENCE IMAGE FOE 3 TRACK SLIDING DOOR



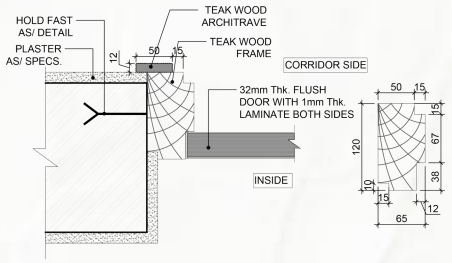
ELEVATION

SGL1 SIZE - (3600X5500)
LOCATION - ENTRANCE
DOOR TYPE - ALUMINUM GLAZING

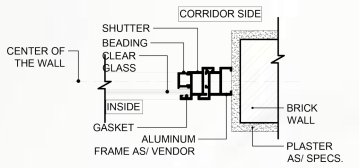


W5 SIZE - (900x2400)
LOCATION - STAIRCASE AREA
WINDOW TYPE - ALUMINUM FRAME WITH GLASS

W5A SIZE - (900x2400)
LOCATION - STAIRCASE AREA
WINDOW TYPE - ALUMINUM FRAME WITH FIXED GLASS



TYPICAL WOODEN DOOR FRAME DETAIL



TYPICAL ALUMINUM DOOR FRAME FIXING DETAIL

NOTES

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

DOORS OPENING SCHEDULE

TAG	WIDTH	SILL LVL.	LINTEL LVL.	DESCRIPTION
DOOR SCHEDULE				
D	1200	--	2400	FLATE MAIN DOOR
D1	1125	--	2400	BED ROOMS
D2	975	--	2400	TOILET
D3	600	300	2400	SHAFT
D4	975	--	2400	REAR BALCONY
D4A	1200	0/75	2400	DRYING BALCONY
D5	1000	--	2425 FROM T.O.S	MUMTY
D6	570	300	2100	SHAFT
D6a	520	300	2100	SHAFT
SD1	2540	75	2400	EL, LV, FHC
EL1	1935	75	2400	ELECTRICAL PANEL ROOM
DOOR CUM WINDOW OPENING SCHEDULE				
DW1	3025	--	2400	LIVING & DINING
DW2	2400	--	2400	BED ROOM & BALCONY
DW3	2185+700 +100	0/75	2400	STORE/KITCHEN
WINDOW OPENING SCHEDULE				
W1	2400	75	2400	BED ROOM-02
W2	600	1200	2400	TOILET
W3	570	75	2400	KITCHEN
W4	900	600	2400	LIVING & DINING ROOM
W5	1125	75	2400	LIVING & DINING ROOM
W6	900	--	2400	STAIRCASE AREA
W6A	900	--	2400	STAIRCASE AREA
GLAZING SCHEDULE				
SGL1	3600		5500	ENTRANCE

NOIDA DEVELOPMENT AUTHORITY
GOOD FOR CONSTRUCTION

F.F.L. = FINISH FLOOR LEVEL

Nos.	Date	Descriptions	Issued to	No. of copies
		Revisions		
R2	21.09.2024	SGL1 REVISED AS/ STAIRCASE DETAIL NOTES ADDED	SITE	
R1	18.09.2024	SILL LVL & SCHEDULE UPDATED	SITE	

PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS

HVAC CONSULTANT: WAC Engineers INDIA PVT. LTD. MEP Consultants & Project Managers B-78, Sector-6, Noida,UP-201301 Ph.: 0120-4324833, E-mail: wac@wacindia.com

STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES CONSULTING ENGINEERS AND PROJECT MANAGERS

PLUMBING CONSULTANT: WAC Engineers INDIA PVT. LTD. MEP Consultants & Project Managers B-78, Sector-6, Noida,UP-201301 Ph.: 0120-4324833, E-mail: wac@wacindia.com

CONSULTANT: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

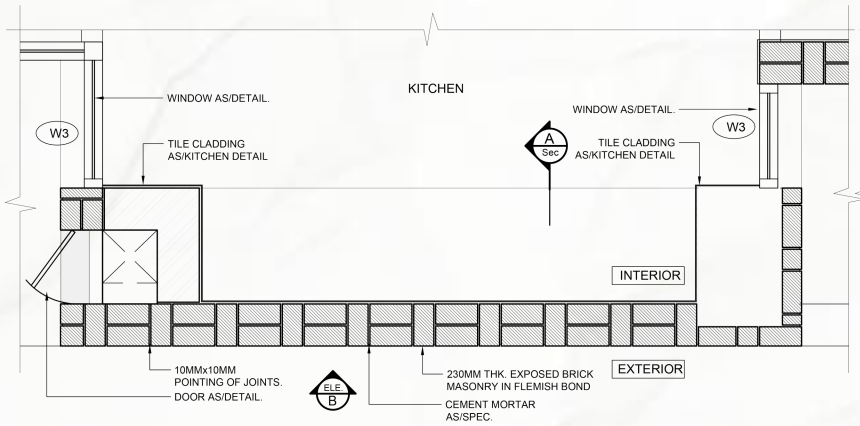
DRAWING TITLE
TYPICAL (3 BHK UNIT)
DOOR WINDOW & GLAZING DETAIL

DRG.No. A-222310-3BHK-TYP-04-01
WORKING DRAWING

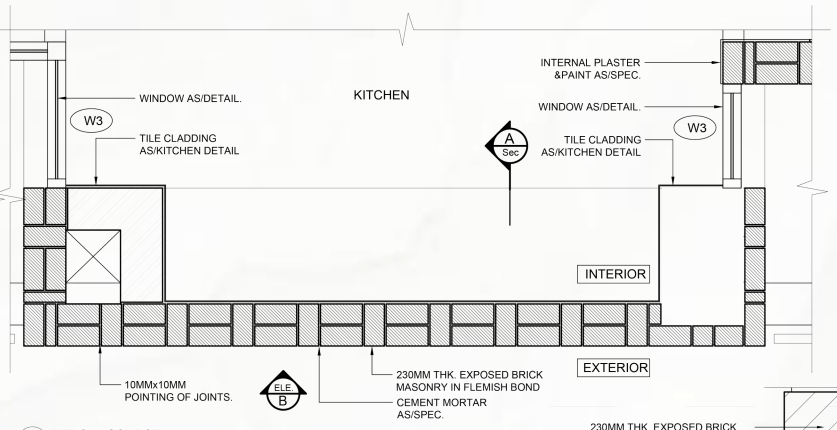
DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G
DATE	SCALE	PROJECT NO.
14.08.2024	50@A2	AO-222310

R2

Typical Exposed Brickwork Detail



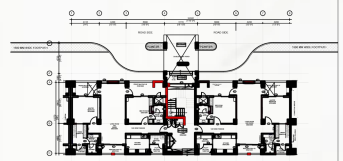
1 - TYPICAL COURSE 1,3,5
SCALE 1:20



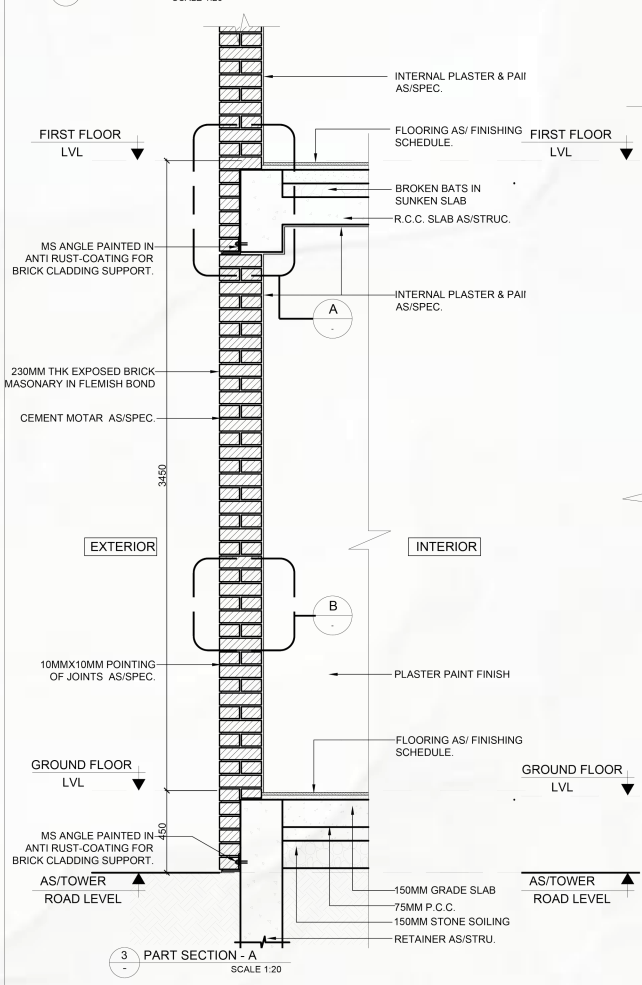
2 - TYPICAL COURSE 2,4,6
SCALE 1:20

NOTES

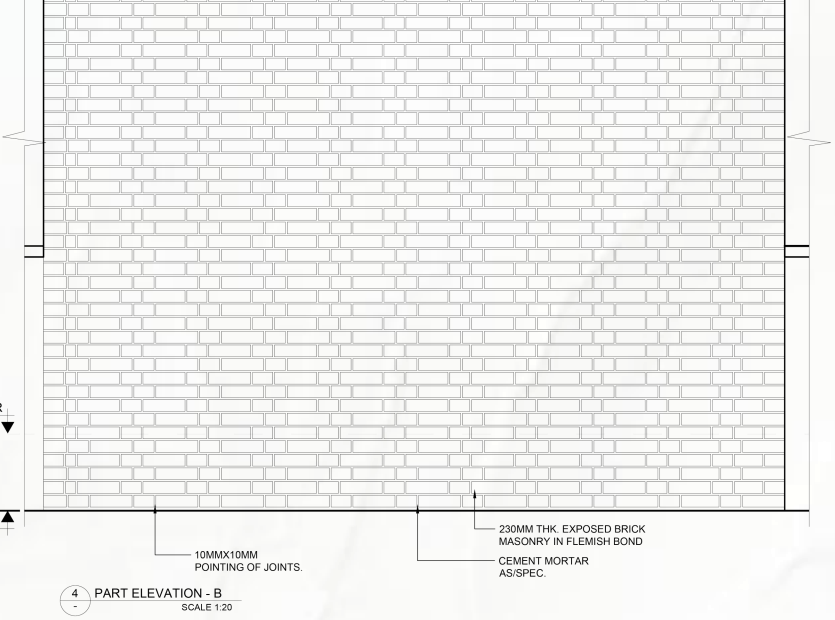
1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.



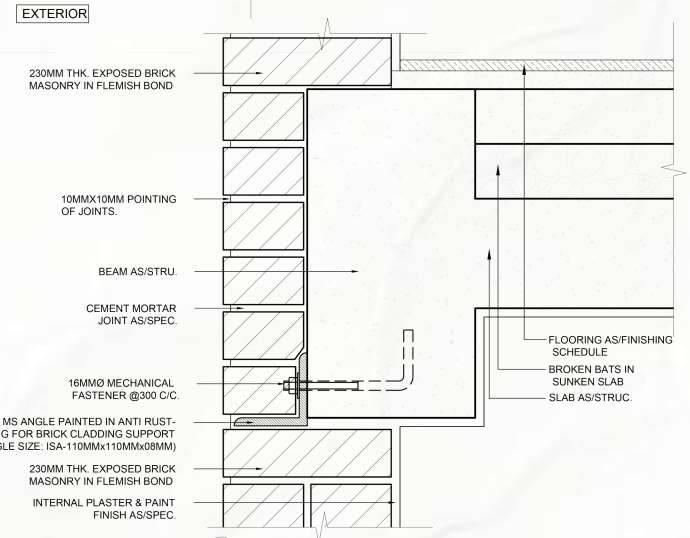
4 KEY PLAN



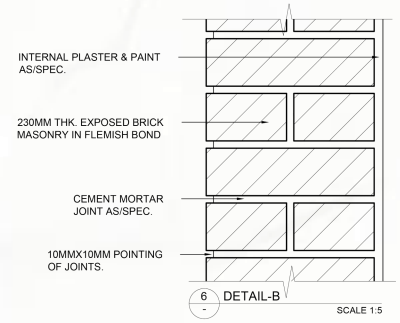
3 - PART SECTION - A
SCALE 1:20


FIRST FLOOR LVL
AS/TOWER ROAD LEVEL
10MMX10MM POINTING OF JOINTS.
230MM THK. EXPOSED BRICK MASONRY IN FLEMISH BOND
CEMENT MORTAR AS/SPEC.

4 - PART ELEVATION - B
SCALE 1:20


230MM THK. EXPOSED BRICK MASONRY IN FLEMISH BOND
10MMX10MM POINTING OF JOINTS.
BEAM AS/STRU.
CEMENT MORTAR JOINT AS/SPEC.
FLOORING AS/FINISHING SCHEDULE
BROKEN BATS IN SUNKEN SLAB
SLAB AS/STRUC.
16MMØ MECHANICAL FASTENER @300 C/C.
MS ANGLE PAINTED IN ANTI RUST-COATING FOR BRICK CLADDING SUPPORT (ANGLE SIZE: ISA-110MMx110MMx08MM)
230MM THK. EXPOSED BRICK MASONRY IN FLEMISH BOND
INTERNAL PLASTER & PAINT FINISH AS/SPEC.

5 - DETAIL-A
SCALE 1:5


INTERNAL PLASTER & PAINT AS/SPEC.
230MM THK. EXPOSED BRICK MASONRY IN FLEMISH BOND
CEMENT MORTAR JOINT AS/SPEC.
10MMX10MM POINTING OF JOINTS.

6 - DETAIL-B
SCALE 1:5

NOIDA

GOOD FOR CONSTRUCTION

PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM

CLIENT DALMIA CEMENT (BHARAT) LTD.

ELECTRICAL CONSULTANT: ARCHOHM

HVAC CONSULTANT: WAC Engineers INDIA PVT. LTD.

STRUCTURAL CONSULTANT: PARESH AND ASSOCIATES

PLUMBING CONSULTANT: WAC Engineers INDIA PVT. LTD.

CONSULTANT: ARCHOHM
c-28c, sector-8
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 788
mail@archohm.com
www.archohm.com

DRAWING TITLE
TYPICAL EXPOSED BRICK PATTERN

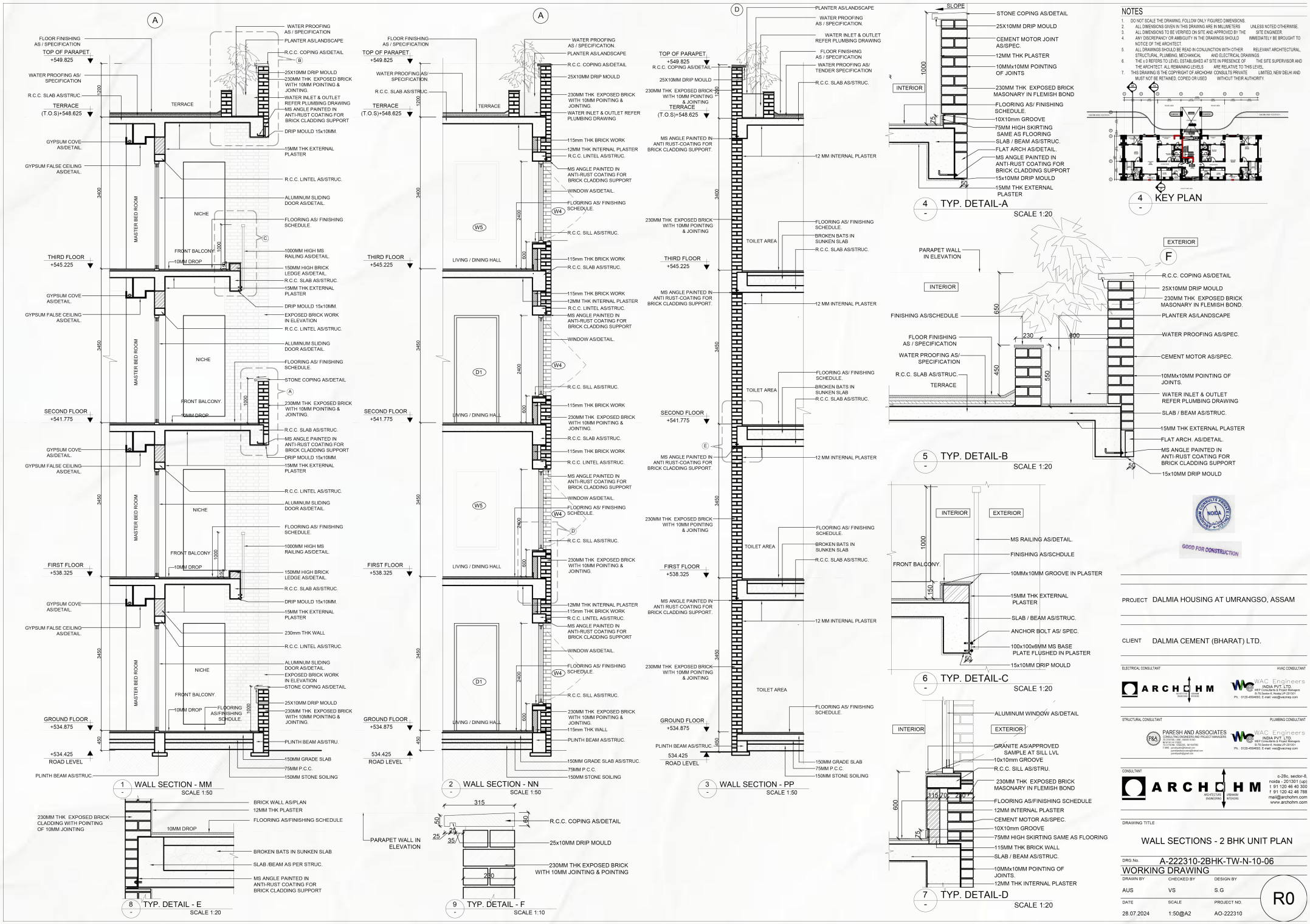
DRG.No. A-222310-3BHK-TW-A-10-03

WORKING DRAWING

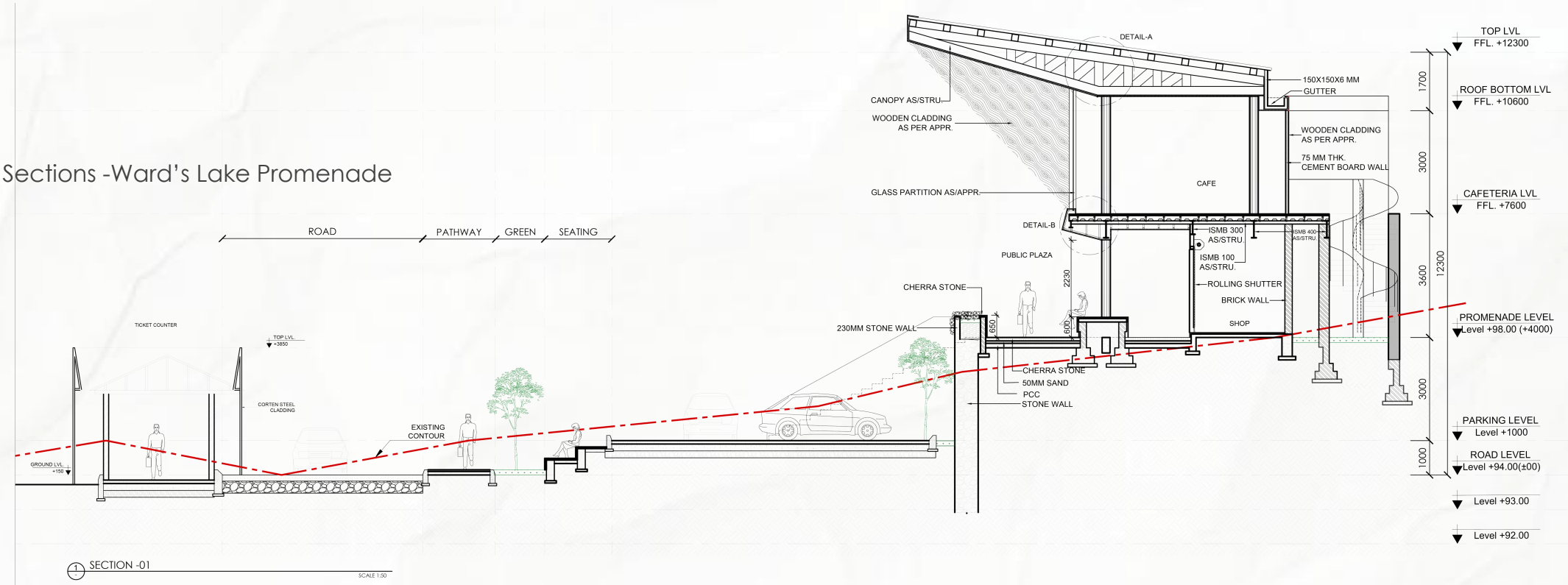
DRAWN BY	CHECKED BY	DESIGN BY
AUS	VS	S.G
DATE	SCALE	PROJECT NO.
07.08.2024	1:20@A2	AO-222310

R0

Wall Sections


1 WALL SECTION - MM SCALE 1:50
2 WALL SECTION - NN SCALE 1:50
3 WALL SECTION - PP SCALE 1:50
4 TYP. DETAIL-A SCALE 1:20
5 TYP. DETAIL-B SCALE 1:20
6 TYP. DETAIL-C SCALE 1:20
7 TYP. DETAIL-D SCALE 1:20
8 TYP. DETAIL - E SCALE 1:20
9 TYP. DETAIL - F SCALE 1:10
4 KEY PLAN
NOTES
1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS PRIVATE LIMITED, NEW DELHI AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.
GOOD FOR CONSTRUCTION
PROJECT DALMIA HOUSING AT UMRANGSO, ASSAM
CLIENT DALMIA CEMENT (BHARAT) LTD.
ELECTRICAL CONSULTANT
HVAC CONSULTANT
STRUCTURAL CONSULTANT
PLUMBING CONSULTANT
CONSULTANT
DRAWING TITLE
WALL SECTIONS - 2 BHK UNIT PLAN
DRG.No. A-222310-2BHK-TW-N-10-06
WORKING DRAWING
DRAWN BY AUS
CHECKED BY VS
DESIGN BY S.G
DATE 28.07.2024
SCALE 1:50@A2
PROJECT NO. AO-222310
R0

Sections -Ward's Lake Promenade



SECTION -01

SCALE 1:50

NOTES:
1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

REVISIONS

No.	Date	Descriptions	Revision by

ASSTT. ARCHITECT PLANNER	
ARCHITECT PLANNER-III	
CHIEF ARCHITECT & PLANNER	
HOUSING COMMISSIONER	

Client: **MEGHALAYAN AGE LIMITED (MAL)**

Project: **BEAUTIFICATION OF WARD'S LAKE, SHILLONG**

Architects: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up) t +91 120 42 46 799 m +91 120 42 46 799 mail@archohm.com www.archohm.com

Structural Consultants: TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.

HVAC Consultants: ABID HUSAIN CONSULTANT

Environmental Consultants:

PHE Consultants: SS BHATIA

Landscape Architect: BIOS ECOLOGY AND ART LANDSCAPE ARCHITECTURE

Electrical Consultants: ARCHOHM

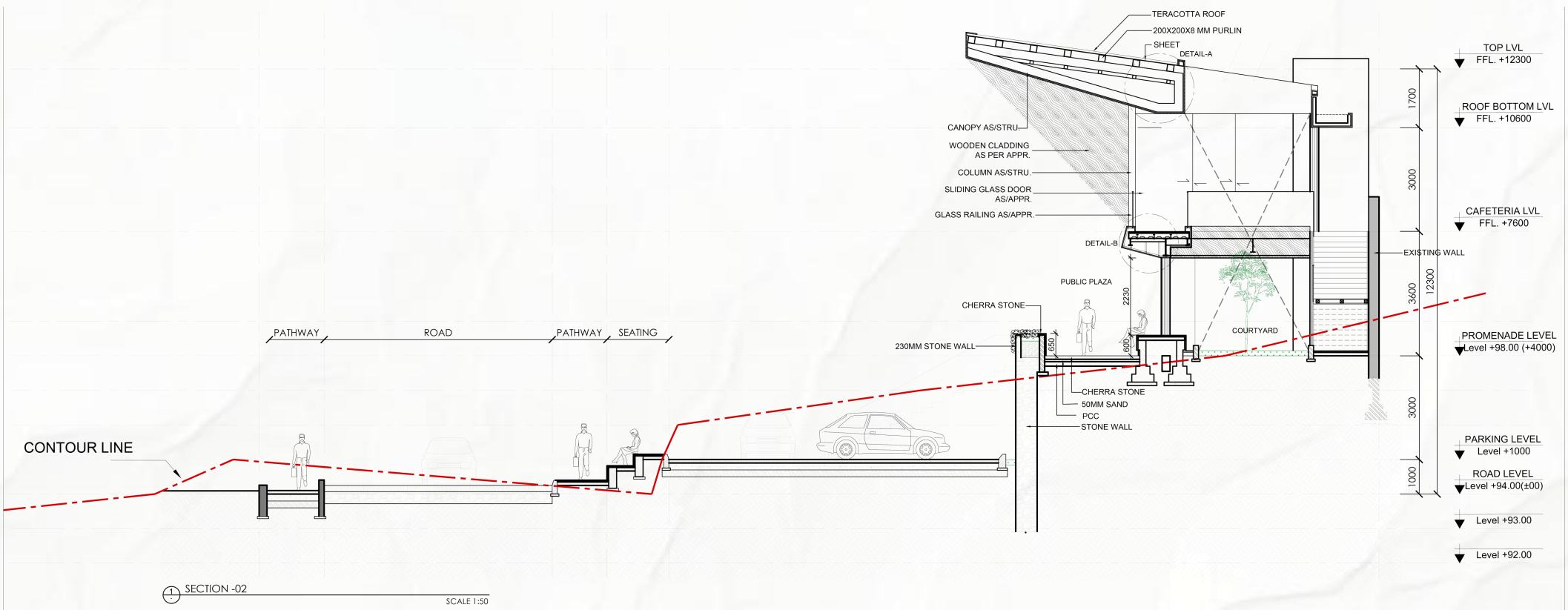
Drawn By: AUS
Checked By: VS
Design By: SG

DESIGN DEVELOPMENT DRAWING

Sheet Title: PROMENADE AND CAFE SECTION-01

Date: 21-09-2024 | Scale: 1:50 | Project No.: 2122106

Drawing No.: 212216-P-02-02 | A1 | R0



SECTION -02

SCALE 1:50

NOTES:
1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

REVISIONS

No.	Date	Descriptions	Revision by

ASSTT. ARCHITECT PLANNER
ARCHITECT PLANNER-III
CHIEF ARCHITECT & PLANNER
HOUSING COMMISSIONER

Client: MEGHALAYAN AGE LIMITED (MAL)

Project: BEAUTIFICATION OF WARD'S LAKE, SHILLONG

Architects: ARCHOHM ARCHITECTURE ENGINEERING URBANISM INTERIORS
c-28c, sector-8, noida - 201301 (up) t +91 120 42 46 799 m +91 120 42 46 799 mail@archohm.com www.archohm.com

Structural Consultants: TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.

HVAC Consultants: ABID HUSAIN CONSULTANT

Environmental Consultants:

PHE Consultants: SS BHATIA

Landscape Architect: BIOS ECOLOGY AND ART LANDSCAPE ARCHITECTURE

Electrical Consultants: ARCHOHM

Drawn By: AUS
Checked By: VS
Design By: SG

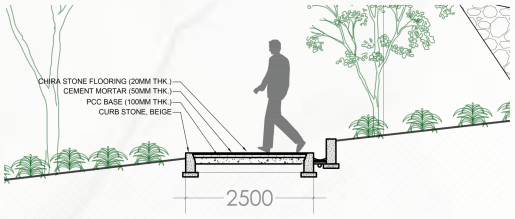
DESIGN DEVELOPMENT DRAWING

Sheet Title: PROMENADE AND CAFE SECTION-02

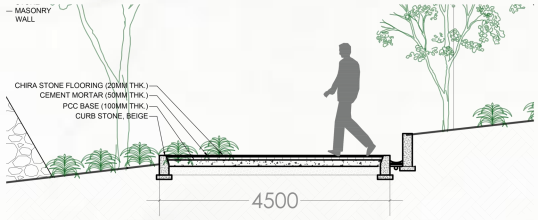
Date: 21-09-2024 | Scale: 1:50 | Project No.: 2122106

Drawing No.: 212216-P-02-02 | A1 | R0

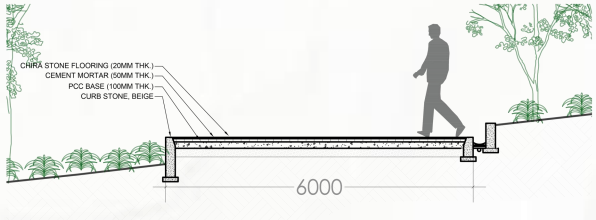
Typical Path Details



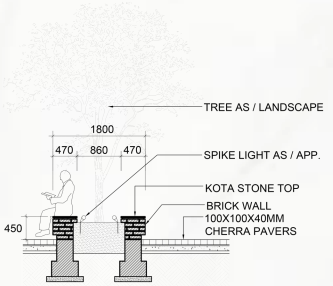
TYPICAL PATHWAY - 2500 MM - SECTION
DETAIL - 01



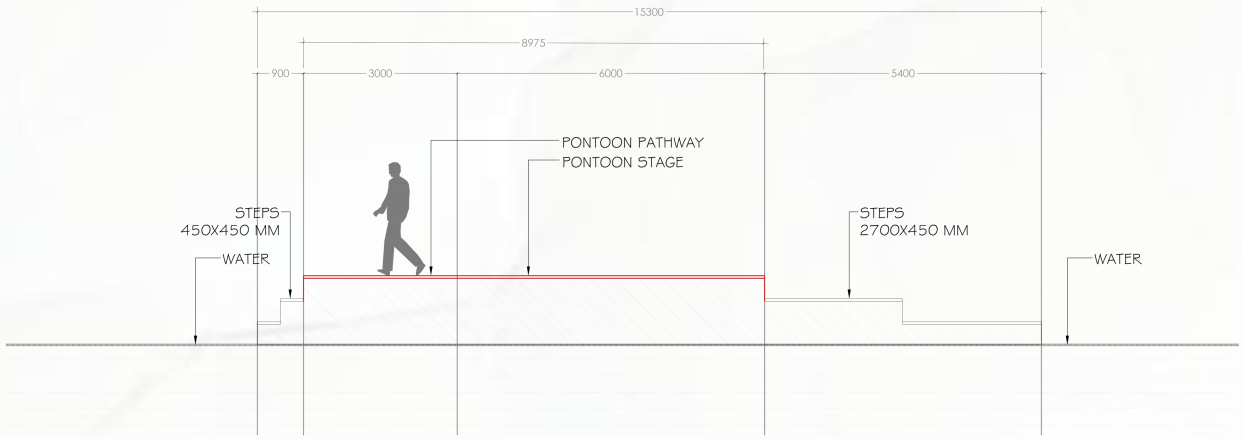
TYPICAL PATHWAY - 4500 MM - SECTION
DETAIL - 02



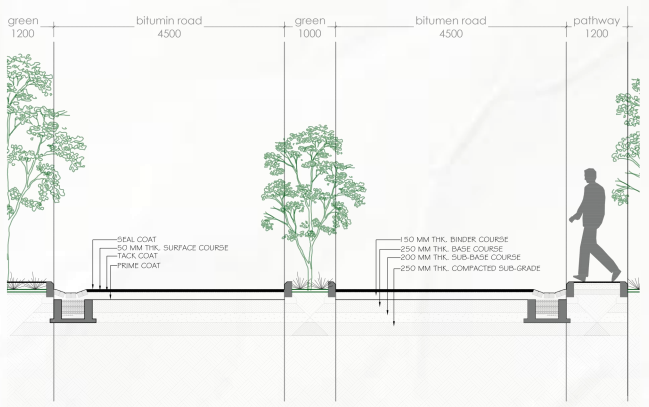
RING PATHWAY - 6000 MM - SECTION
DETAIL - 03



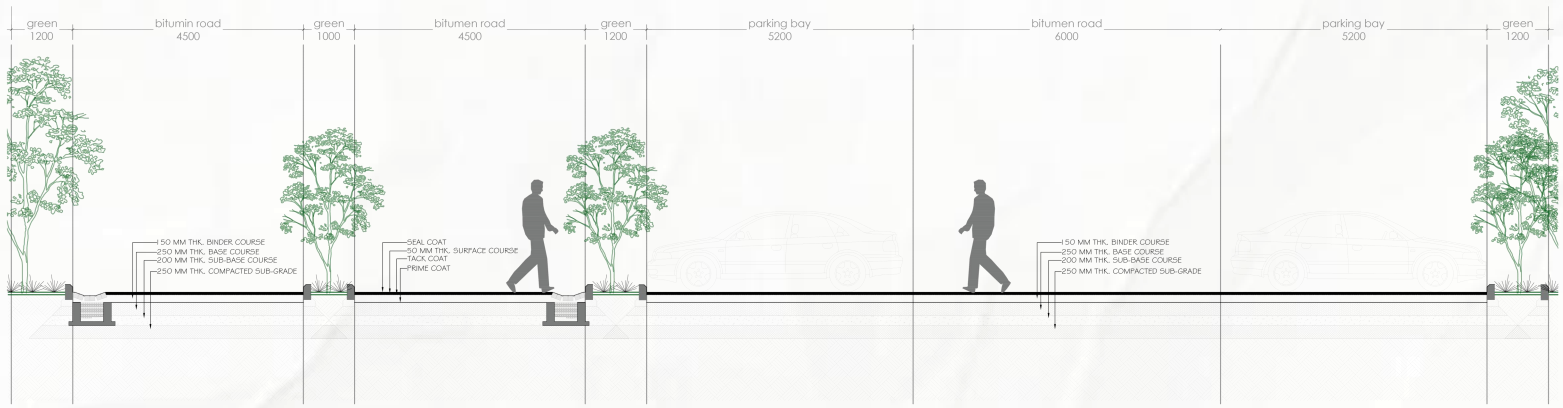
TYPICAL PLANTER DETAIL - SECTION
DETAIL - 08



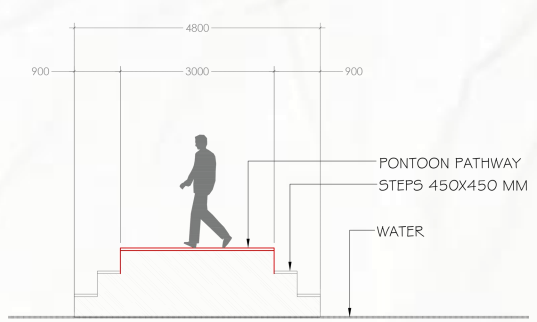
PONTOON RING - SECTION - B
DETAIL - 07



TYPICAL DOUBLE ROAD - SECTION
DETAIL - 04



TYPICAL DOUBLE ROAD WITH PARKING - SECTION
DETAIL - 05



PONTOON RING - SECTION - A
DETAIL - 06

NOTES:

1. DO NOT SCALE THE DRAWING, FOLLOW ONLY FIGURED DIMENSIONS.
2. ALL DIMENSIONS GIVEN IN THIS DRAWING ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
3. ALL DIMENSIONS TO BE VERIFIED ON SITE AND APPROVED BY THE SITE ENGINEER.
4. ANY DISCREPANCY OR AMBIGUITY IN THE DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO NOTICE OF THE ARCHITECT.
5. ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS.
6. THE ± 0 REFERS TO LEVEL ESTABLISHED AT SITE IN PRESENCE OF THE SITE SUPERVISOR AND THE ARCHITECT. ALL REMAINING LEVELS ARE RELATIVE TO THIS LEVEL.
7. THIS DRAWING IS THE COPYRIGHT OF ARCHOHM CONSULTS AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THEIR AUTHORITY.

KEY PLAN

REVISIONS

No.	Date	Descriptions	Revision by

Client: **MEGHALAYAN AGE LIMITED (MAL)**

Project: **SHILLONG RIVERFRONT REDEVELOPMENT, MEGHALAYA**

Architects: ARCHOHM ARCHITECTURE ENGINEERING URBANISING INTERIORS
n-28c, sector-6
noida - 201301 (up)
t 91 120 46 40 300
f 91 120 42 46 769
mail@archohm.com
www.archohm.com

Structural Consultants: TPC TECHNICAL PROJECTS CONSULTANTS(P)LTD.
H-13, S.N.E., sector 57, noida, uttar pradesh, 201301, india
SOARD NO: 91-120-2599900

Electrical Consultants: ARCHOHM CONSULTANT PVT. LTD.
SC-28C, SECTOR-6, NOIDA (U.P.) - 201301
T: 91-120-46 40 300 F: 91-120-42 46 769
mail@archohm.com www.archohm.com

PHE Consultants: WAC Engineers INDIA PVT. LTD. MEP Consultants & Project Managers
B-7Chowrasi A,Noida(U.P.)201301
Ph. : 0120-4304451,
E-mail:wac@wacnoop.com

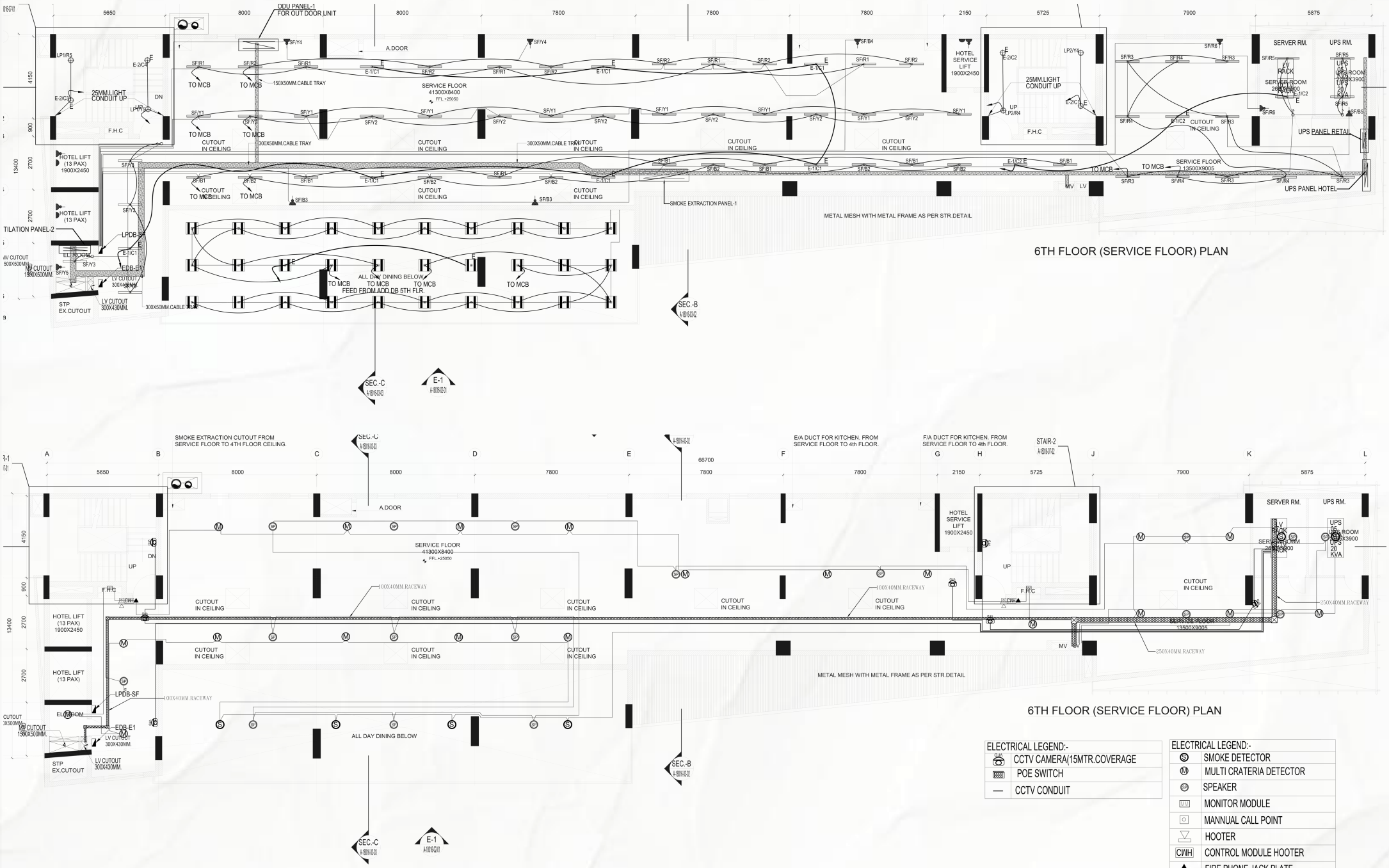
Drawn By	AUS
Checked By	VS
Design By	SG

Sheet Title: LANDSCAPE TYPICAL DETAILS
DETAIL PLANS ,SECTIONS & ELEVATIONS

Date:	Scale:	Project No:-
08.10.2024	1:50	MRK-2022

Drawing No.: MRK-2022-D-01 | A1 | R0

Looping & Lighting Electrical Drawing



6TH FLOOR (SERVICE FLOOR) PLAN

ELECTRICAL LEGEND:-	
CCTV CAMERA(15MTR.COVERAGE	
POE SWITCH	
CCTV CONDUIT	

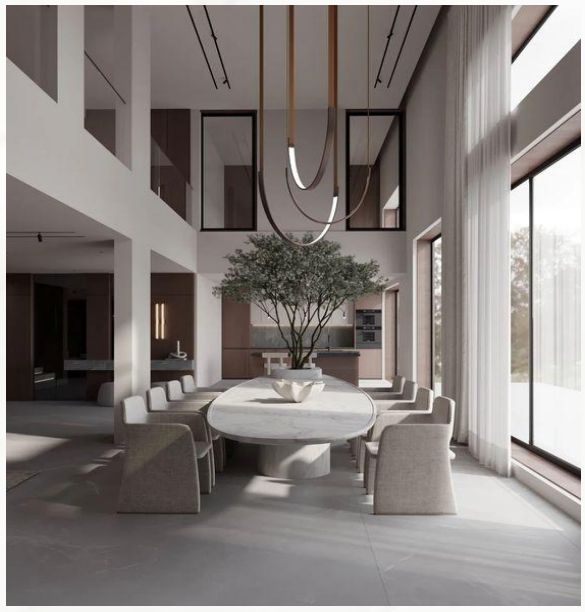
ELECTRICAL LEGEND:-	
S	SMOKE DETECTOR
M	MULTI CRATERIA DETECTOR
SP	SPEAKER
MM	MONITOR MODULE
	MANNUAL CALL POINT
	HOOTER
CMH	CONTROL MODULE HOOTER
▲	FIRE PHONE JACK PLATE
——	2CX1.5SQ.MM. ARM CABLE FOR FIRE
——	25MM CONDUIT FOR PA
	RACEWAY FOR LV
⊠	JUNCTION BOX FOR LV

6 3D Renders

Ward's Lake Promenade | Dtc Housing | Warehouse | Interior

3D WEDGE

Technologiezentrum
Wuppertal
w-tec

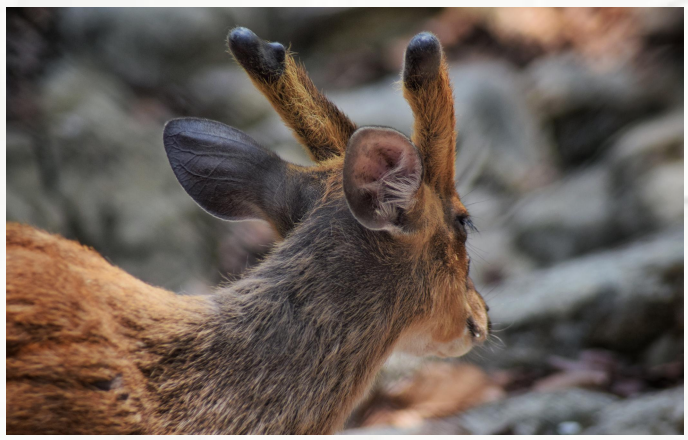


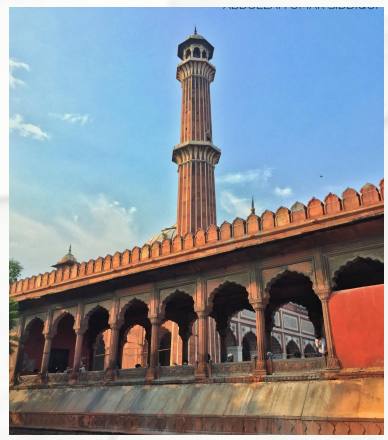
PEOPLE
Together
GOOD FOOD

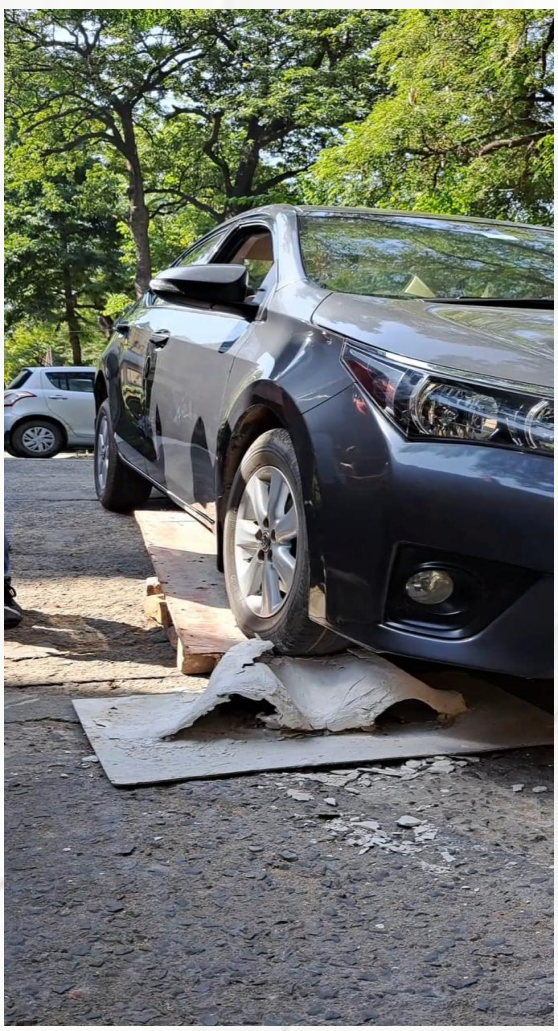
7 Miscellaneous

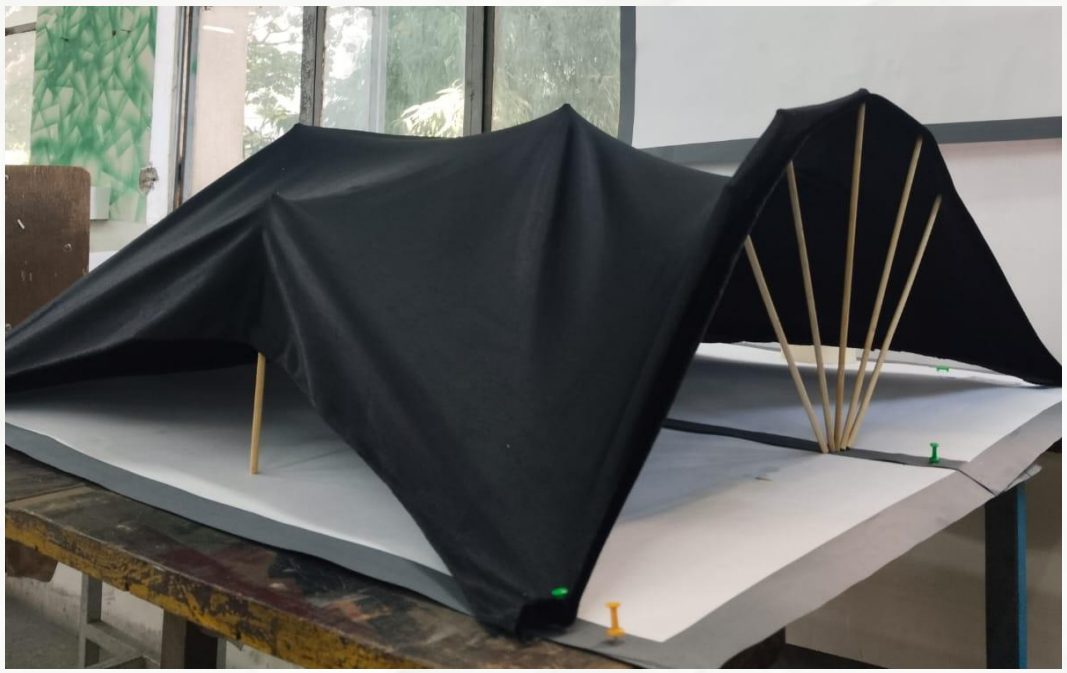
Photography | Structural Shell Workshop | Tensile Structure Workshop | Art

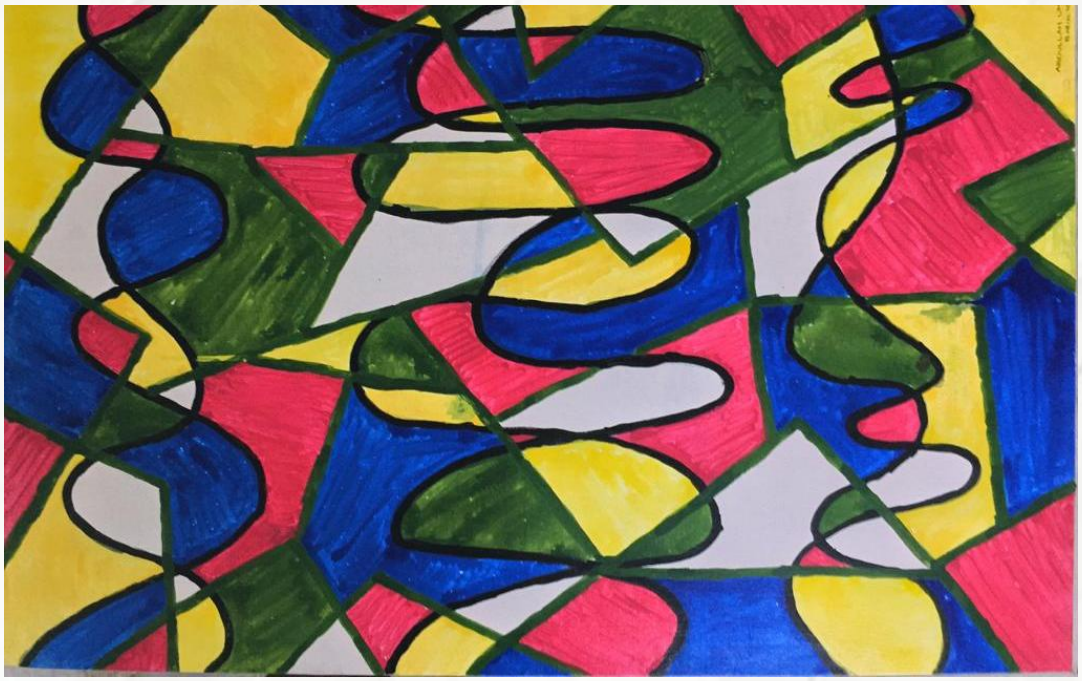
ABDULLAH UMAR SI



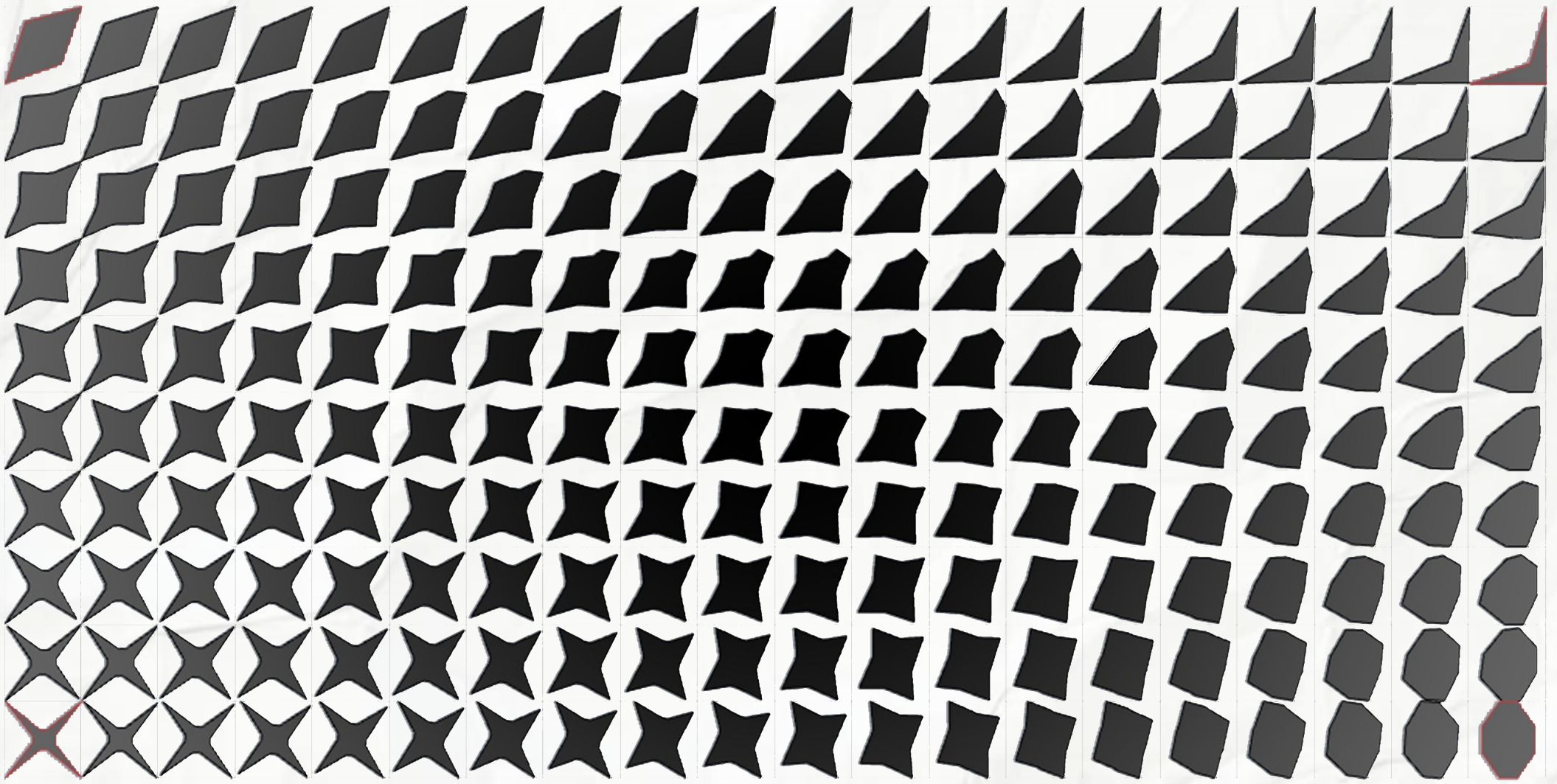




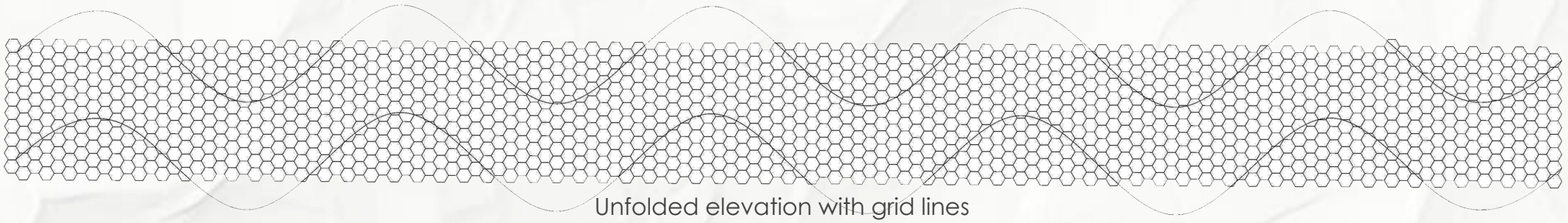




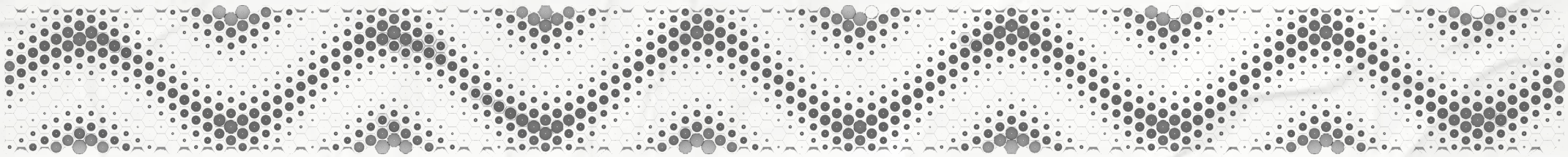
Module driven morphed facade design - Rhino 3D



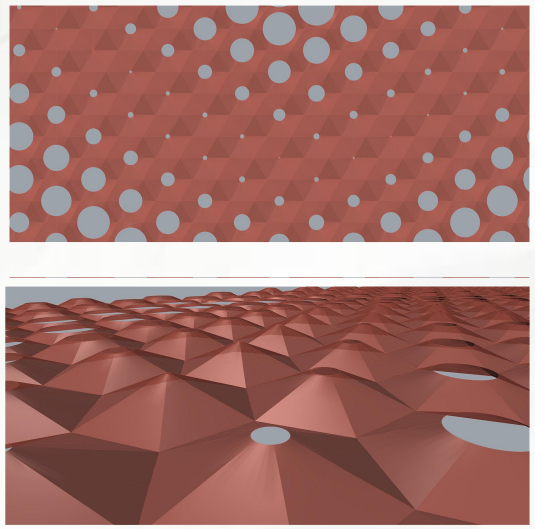
Facade design pattern morphing



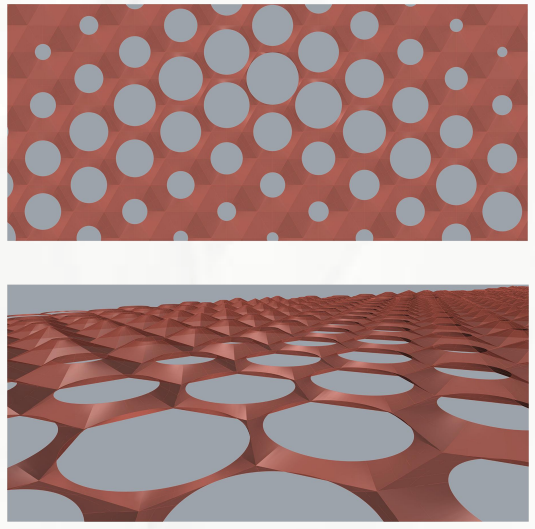
Unfolded elevation with grid lines



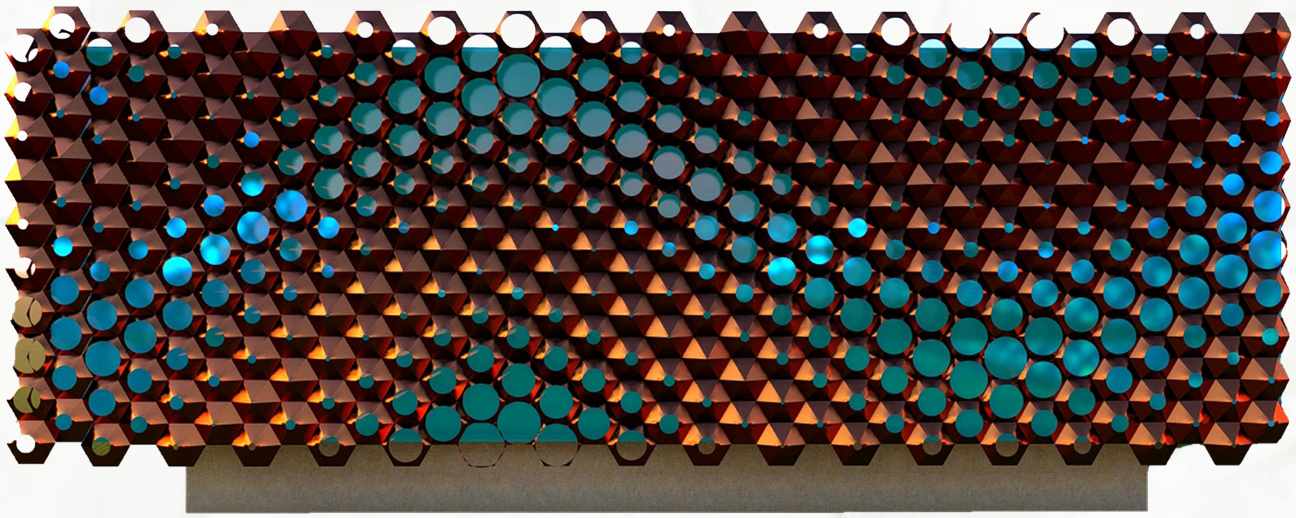
Unfolded elevation of final outcome



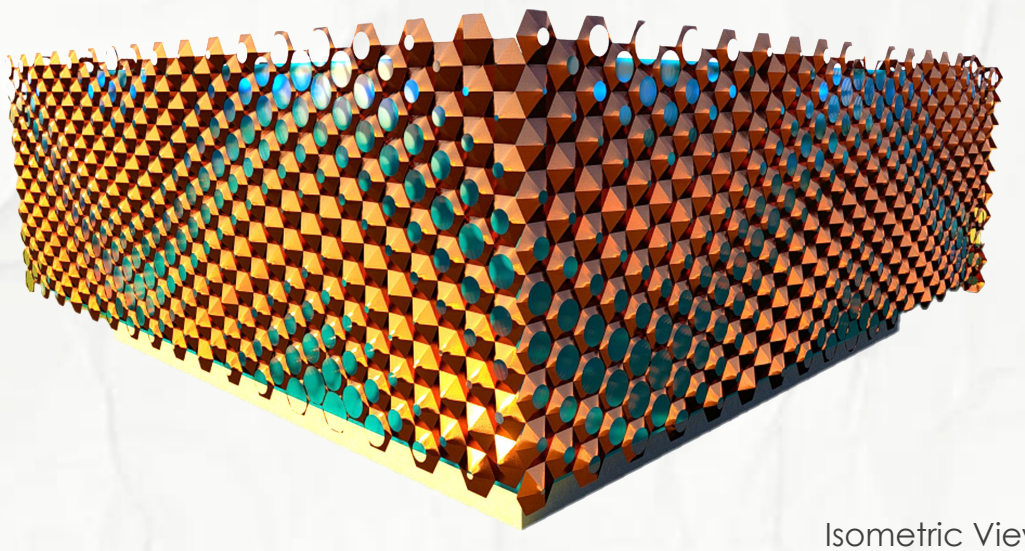
Geometry near attractor

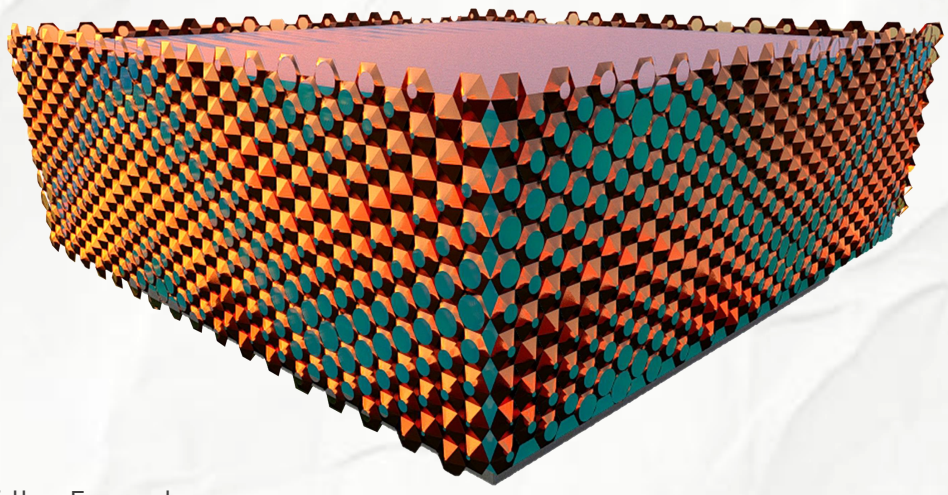


Geometry away from attractor



Front Elevation

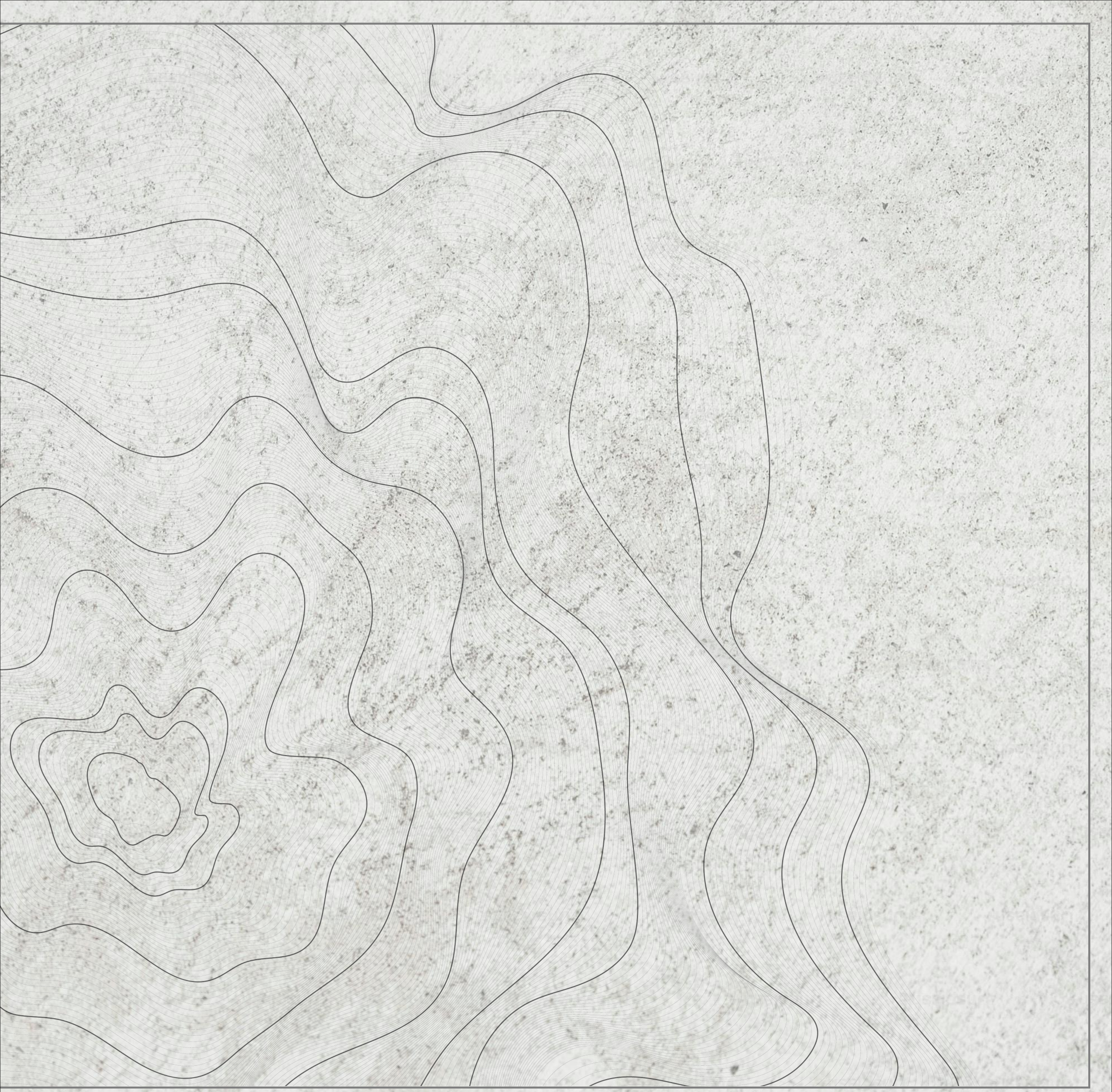




Isometric Views of the Facade

Note:

No drawings are to scale. Drawings are to be read, not to be scaled.
All the drawings/pictures presented here have been partially or completely developed by the author. Sources are mentioned otherwise.

"Ancora Imparo!"

(I am still learning!)
~Michelangelo